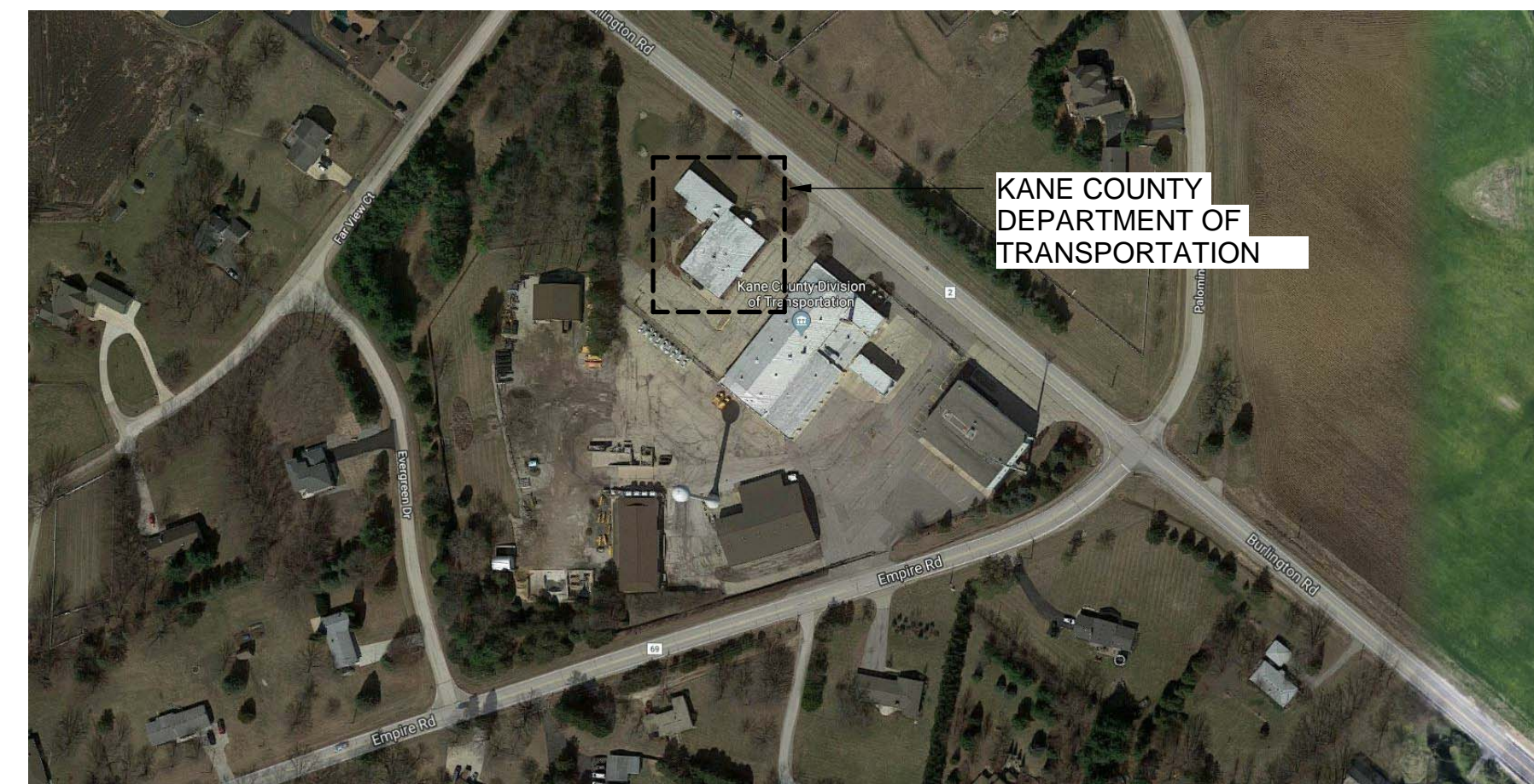
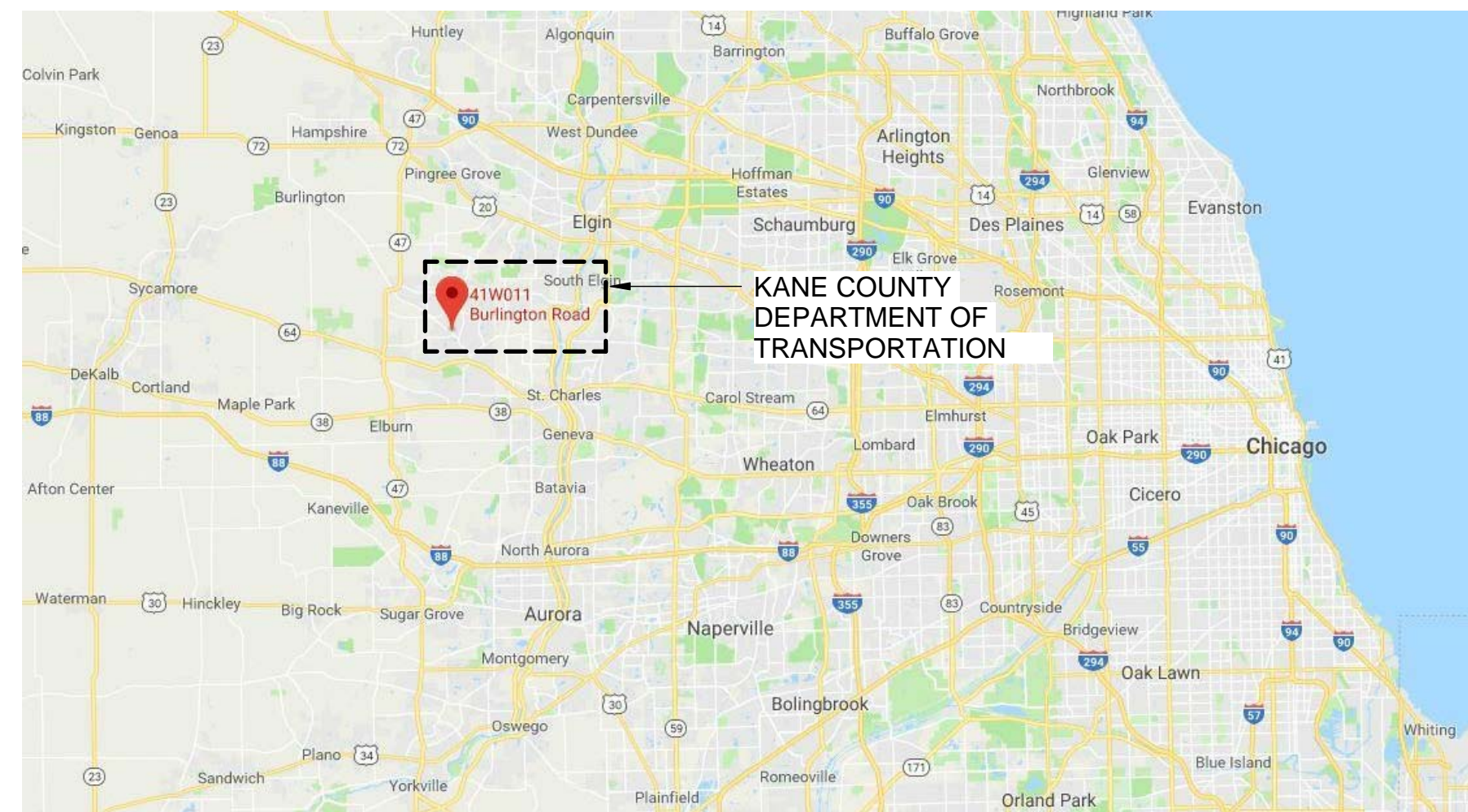


# KANE COUNTY DEPARTMENT OF TRANSPORTATION OFFICE RENOVATION

41W011 BURLINGTON ROAD  
CAMPTON HILLS, IL 60175

## 100% DESIGN REVIEW

**LOCATION MAP:**



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STATEMENT OF COMPLIANCE

I have prepared, or caused to be prepared under my supervision, the attached plans and specifications and state that, to the best of my knowledge and belief and to the extent of my contractual obligation, they are in compliance with the Environmental Barriers Act (Ill. Rev. Stat. 1985, ch. 111 1/2, pars. 3711 et seq. as amended) and the Illinois Accessibility Code, 71 Ill. Adm. Code 400.

The project will comply with the Illinois Accessibility Code (IAC) Sec. 400.310 (New Construction) and A.D.A.G. Title II- All programs, service and activities will be made accessible.

Signed \_\_\_\_\_ Architect/Engineer ILLINOIS REGISTRATION NO.: \_\_\_\_\_ Date \_\_\_\_\_



THIS CERTIFIES THAT THESE DRAWINGS HAVE BEEN PREPARED UNDER MY DIRECT SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF ARE IN ACCORDANCE WITH ALL APPLICABLE BUILDING CODES AND ORDINANCES.

\_\_\_\_\_  
 LICENSED ARCHITECT

EXPIRES 11/30/2018		
LICENSED ARCHITECT APPLIES TO SHEETS AD-101 THRU AD-801 A-101 THRU A-902 G-001 THRU G-004	LICENSED MECHANICAL ENGINEER APPLIES TO SHEETS H-001 THRU H-201	LICENSED ELECTRICAL ENGINEER APPLIES TO SHEETS E-100 THRU E-401

**CERTIFICATIONS & SEALS**

**KANE COUNTY DEPARTMENT OF TRANSPORTATION (KDOT) OFFICE RENOVATION**

41W011 BURLINGTON ROAD  
CAMPTON HILLS, IL 60175

Professional Seals

**NOT FOR CONSTRUCTION**

No.	Description	Date
1	ISSUED FOR 30% DESIGN	07/23/2018
2	ISSUED FOR 100% DESIGN	09/17/2018

**COVER SHEET**

DRAWN: V.WIEGAND	SHEET NO.
CHECKED: K.KORAB	<b>G-001</b>
DESIGNED: V.WIEGAND	
JOB NO: 18-1006	



## PROJECT GENERAL NOTES - SCOPE

1. THIS PROJECT GENERALLY CONSISTS OF A RENOVATION FOR OFFICE SPACE IMPROVEMENTS APPROXIMATELY 1,700 SQUARE FEET. WORK WILL BE LIMITED TO THE MAIN LEVEL OF THE ORIGINAL PORTION OF THE OFFICE BUILDING, THERE IS NO SCOPE IN THE NEWER ADDITION SPACE.

## PROJECT GENERAL NOTES - BIDDING

1. PRIOR TO SUBMISSION OF BID, GENERAL CONTRACTOR SHALL VISIT THE SITE AND BE KNOWLEDGEABLE OF ALL CONDITIONS THEREON, HE OR SHE SHALL INVESTIGATE, VERIFY, AND BE RESPONSIBLE FOR ALL CONDITIONS OF THE PROJECT AND SHALL NOTIFY THE OWNER OF ANY CONDITIONS REQUIREMENT MODIFICATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR ALL MEANS, METHODS, AND TECHNIQUES TO IMPLEMENT THE DESIGN AS PART OF THEIR BASE BID.
2. NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIALS. NOTES ON ANY ONE SHEET ARE TO BE APPLIED TO RELATED DRAWINGS AND DETAILS. WHEN THERE ARE DISCREPANCIES BETWEEN DRAWINGS AND SPECIFICATIONS, CONSULT THE OWNER DURING THE BID PERIOD FOR ANY CLARIFICATIONS NEEDED PRIOR TO SUBMISSION OF BID. IF THE OWNER IS NOT CONSULTED DURING THE BID PERIOD, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
3. ASBESTOS WARNING: ASBESTOS-CONTAINING MATERIALS ARE OR MAY BE PRESENT IN THIS BUILDING. NO PERSON MAY DISTURB ASBESTOS - CONTAINING BUILDING MATERIALS UNLESS THAT PERSON IS A LICENSED ASBESTOS WORKER AND CONDUCTS SUCH WORK IN ACCORDANCE WITH SECTIONS CONTAINED IN THE PROJECT DOCUMENTS AND IN COMPLIANCE WITH ILLINOIS DEPARTMENT OF PUBLIC HEALTH RULES AND REGULATIONS.
4. THE INTERIOR AND EXTERIOR PAINTED SURFACES SHALL BE PRESUMED TO CONTAIN LEAD-BASED PAINT. DISTURBANCES OF THESE PAINTED SURFACES TO COMPLETE THE REQUIRED SCOPE SHALL BE CONDUCTED IN ACCORDANCE WITH USEPA'S FINAL RENOVATION, REPAIR, AND PAINTING (RRP) RULE IN 40 CFR 745. ALL LEAD-SAFE WORK PRACTICES INCLUDE, BUT ARE NOT LIMITED TO ISOLATING THE WORK AREA TO PREVENT DUST MIGRATION, MINIMIZING DUST GENERATION, ENSURING ALL PERSONNEL AND EQUIPMENT ARE FREE OF DUST BEFORE LEAVING THE WORK AREA, CLEANING THE AREA AFTER WORK IS COMPLETED.
5. THE SUBMISSION OF A BID OR PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT THE CONTRACTOR HAS FAMILIARIZED HIMSELF WITH THE PLANS AND EXISTING CONDITIONS OF THE BUILDING SITE. CLAIMS MADE SUBSEQUENT TO THE PROPOSAL FOR MATERIALS AND LABOR BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED IF THEY COULD HAVE BEEN FORESEEN HAD PROPER EXAMINATION OF THE SITE AND/OR DRAWINGS BEEN MADE.

## PROJECT GENERAL NOTES - PERMITTING

1. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE GOVERNING EDITION OF THE INTERNATIONAL BUILDING CODE AND ALL APPLICABLE COUNTY, STATE, AND FEDERAL LAWS, INCLUDING THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) AND REGULATIONS ADOPTED PURSUANT THERETO.
2. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR APPLYING, PROCURING, AND PAYING FOR ALL PERMITS AND INSPECTIONS REQUIRED TO COMPLETE THE SCOPE OF WORK UNLESS NOTED OTHERWISE.
3. CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND PERMITTING (INCLUDING PERMIT COSTS) OF ALL SHORING NECESSARY TO IMPLEMENT THE DESIGN.

## PROJECT GENERAL NOTES - DEMOLITION

1. DEMOLISH ALL ITEMS NOTED AND IN SCOPE OF WORK NOTES. CONTRACTOR IS RESPONSIBLE FOR COMPLETE REMOVAL OF ALL ITEMS ASSOCIATED WITHIN THE DEMOLISHED AREA.
2. CONTRACTOR SHALL VISIT THE SITE AND FULLY REVIEW CONDITIONS AND QUANTITIES OF THIS BUILDING AND SITE PRIOR TO BID SUBMISSION TO GAIN FULL KNOWLEDGE OF THE DEMOLITION REQUIREMENTS. HE OR SHE SHALL INVESTIGATE, VERIFY, AND BE RESPONSIBLE FOR ALL CONDITIONS OF THE PROJECT AND SHALL NOTIFY THE OWNER OF ANY CONDITIONS REQUIRING MODIFICATION DURING THE BID PERIOD. ALL DEMOLITION FOR THE PROJECT (INCLUDING REQUIRED PERMITS), EXCEPT SPECIFIC ITEMS NOTED AS N.I.C.
3. TO THE BEST OF THE OWNERS KNOWLEDGE THESE DRAWINGS REPRESENT THE EXISTING PLAN CONDITIONS TO BE REMOVED AS ARE DIAGRAMMATICALLY SHOWN. EXACT LOCATIONS, SIZES, EXTENT, AND CONDITIONS OF EXISTING CONSTRUCTION TO BE REMOVED, RELOCATED, OR TO REMAIN SHALL BE VERIFIED AT THE BUILDING SITE BY THE CONTRACTOR. CONTRACTOR TO REPORT DISCREPANCIES IN WRITING DURING THE BID PERIOD.
4. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE CURRENT BUILDING CODE AND ALL APPLICABLE COUNTY, STATE, AND FEDERAL LAWS, INCLUDING THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) AND REGULATIONS ADOPTED PURSUANT THERETO.
5. CONTRACTOR TO PERFORM DEMOLITION SCOPE OF WORK AS REQUIRED TO COMPLETE NEW CONSTRUCTION. COORDINATE ARCHITECTURAL DEMOLITION WITH MECHANICAL, ELECTRICAL, AND FIRE PROTECTION DEMOLITION SCOPE OF WORK.
6. ITEMS OF CONSTRUCTION SHOWN AND NOTED TO BE REMOVED SHALL BE THE SAME FOR ALL SIMILAR CONDITIONS AND CONSTRUCTION UNLESS NOTED OTHERWISE.
7. SALVAGED ITEMS REQUESTED BY THE OWNER MUST BE CAREFULLY REMOVED, KEPT FREE OF DAMAGE, AND DELIVERED TO THE DESIGNATED STORAGE AREA. MATERIALS AND/OR ITEMS REMOVED AND NOT DESIGNATED TO BECOME THE PROPERTY OF THE OWNER WILL BECOME PROPERTY OF THE CONTRACTOR AND REMOVED FROM SITE.
8. ANY EXISTING COMPONENT REMOVED OR DAMAGED TO ALLOW NEW WORK TO OCCUR MUST BE REINSTALLED OR REPLACED AT THE COMPLETION OF NEW WORK UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL INCLUDE THE SATISFACTORY PATCHING AND FINISH OF ALL SCARS RELATED TO THE DEMOLITION OPERATION.
9. ALL ITEMS OF DEMOLITION NOT INDICATED TO BE SAVED SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING ALL ASSOCIATED MACHINERY, FRAMING, ANCHORS, HOUSING, ETC. AND BE DISPOSED OF ON A DAILY BASIS TO AVOID ACCUMULATION OF ANY DEBRIS ON THE SITE.
10. REMOVE ALL EXISTING MECHANICAL, PLUMBING, AND ELECTRICAL SYSTEMS NOT UTILIZED IN THE NEW CONSTRUCTION.
11. PATCH ALL PENETRATIONS RESULTING FROM THE REMOVAL OF UTILITIES. MAINTAIN REQUIRED FIRE RATING WHERE WALLS ARE PATCHED. FINISH TO MATCH ADJACENT SUBSTRATE.
12. DO NOT CUT INTO, REMOVE, OR ALTER ANY EXISTING STRUCTURAL MEMBER OR PORTION OF THE FLOOR SYSTEM UNLESS NOTED OTHERWISE.
13. SUBMIT WRITTEN REQUEST TO OWNER IN ADVANCE OF CUTTING OR ALTERING ELEMENTS WHICH AFFECT:
  - A. STRUCTURAL INTEGRITY OF ELEMENT.
  - B. INTEGRITY OF WEATHER-EXPOSED OR MOISTURE-RESISTANT ELEMENTS
16. THE GC SHALL SAW CUT ALL MASONRY WALLS, CONCRETE FLOORS, AND CONCRETE WALLS IN A CLEAN AND STRAIGHT MANNER, AT THE LIMITS OF THE DESIGNATED REMOVAL.
17. REFER TO MECHANICAL DRAWINGS FOR THE REMOVAL AND/OR REUSE OF ALL MECHANICAL DIFFUSERS, DUCTWORK, EQUIPMENT, ETC.
18. REFER TO ELECTRICAL DRAWINGS FOR THE REMOVAL AND/OR REUSE OF ALL ELECTRICAL COMPONENTS.
19. CLEAN ALL EXCESS CONCRETE SPOTS, SOLID DEBRIS, AND PAINT SPOTS FROM THE FLOOR. REMOVE ALL WAX, DIRT, GREASE, PAINTS, AND OLD ADHESIVES.
20. CRACKS, HOLES, AND DEPRESSIONS IN THE FLOORING SYSTEM TO BE FILLED USING PATCHING MATERIAL ACCEPTABLE TO FLOORING MANUFACTURER. SWEEP AND VACUUM THE FLOOR AFTER PATCHING AND DEBRIS REMOVAL. DO NOT USE OIL BASED SWEEPING COMPOUNDS. MAKE SURE ALL PERIMETER AREAS ARE CLEAN.
21. WHERE EXISTING CONCRETE SLABS ARE REMOVED FOR THE INSTALLATION OF PLUMBING OR ELECTRICAL SYSTEMS, PATCH EXISTING MATERIALS AS REQUIRED TO MEET FIRE RATING REQUIREMENTS.
22. REMOVE DEBRIS AND ABANDONED ITEMS FROM THE CONSTRUCTION AREA. CAP ALL REMAINING PIPING AS REQUIRED BY CODE.

## PROJECT GENERAL NOTES - CONSTRUCTION

1. ALL DIMENSIONS ARE TO FACE OF PARTITIONS, COLUMN CENTERLINE, OR FINISHED FACE OF EXTERIOR WALL UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD BEFORE PROCEEDING WITH ANY WORK. THE OWNER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR CORRECTIONS. DIMENSIONS OF NEW WORK ARE BASED ON RECORD DRAWINGS OF EXISTING WORK. ANY DISCREPANCIES IN EXISTING WORK WILL AFFECT NEW WORK DIMENSIONS. CONTRACTOR IS TO VERIFY THE DIMENSIONS.
3. PROVIDE ACCESS PANELS AS REQUIRED BY APPLICABLE CODES AND AS REQUIRED FOR MECHANICAL AND ELECTRICAL EQUIPMENT. REVIEW LOCATIONS WITH OWNER AND ARCHITECT, AT A PRE-INSTALLATION CONFERENCE.
4. FIRE-STOP ALL PENETRATIONS IN WALLS TO MATCH HOURLY RATING OF THE WALL.
5. ALL NON-RATED PARTITION WALLS SHALL BE STOPPED AND/OR CALKED AT TOP, BOTTOM, AND ADJACENT ASSEMBLIES WITH 1-HOUR EQUIVALENT FIRESTOPPING AND SEALANTS. SEAL ALL PENETRATIONS.
6. ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED.
7. THE CONTRACTOR MUST COORDINATE ALL MECHANICAL AND ELECTRICAL FLOOR SLEEVES AND WALL SLEEVES, EMBEDDED CONDUIT, AND MECHANICAL DUCTWORK WITH MECHANICAL, PLUMBING, ELECTRICAL, AND ARCHITECTURAL DRAWINGS WITH CORRESPONDING DISCIPLINES.
8. ALL PIPES, CONDUITS, AND DUCTWORK THAT PENETRATE WALLS, FLOOR, OR ROOF SLABS SHALL BE INSTALLED IN A MANNER THAT WILL PRESERVE THE FIRE RESISTIVE INTEGRITY AND WATER TIGHTNESS OF SUCH WALLS OR SLABS AND THE BUILDING.
9. ALL EXTERIOR JOINTS AROUND WINDOWS, DOORS, FRAMES, METAL PANELS, BETWEEN WALLS AND ROOF, BETWEEN WALL PANELS, AND AT PENETRATIONS OF UTILITIES THROUGH THE BUILDING ENVELOPE SHALL BE FIRE-SAFE AS REQUIRED, SEALED, CAULKED, OR WEATHER STRIPPED TO PREVENT WATER OR AIR LEAKAGE/PENETRATION.
10. TOP OF FLOOR SLAB AT GROUND FLOOR = 0'-0".
11. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING AND NEW WORK. ANY WORK DAMAGED FOR ANY REASON SHALL BE REPLACED AT NO COST TO THE OWNER.
12. PRIOR TO STARTING CONSTRUCTION THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NEITHER CONSTRUCTION NOR FABRICATION OF ANY ITEM SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED ALL PLANS AND ANY OTHER APPROVALS FROM GOVERNMENTAL AGENCIES OR OTHER REGULATORY AUTHORITIES HAVING JURISDICTION OVER THE PROJECT. FAILURE OF THE CONTRACTOR TO FOLLOW THIS PROCEDURE SHALL CAUSE THE CONTRACTOR TO ASSUME FULL RESPONSIBILITY FOR ANY SUBSEQUENT MODIFICATION OF THE WORK MANDATED BY REGULATORY AUTHORITY.
13. ALL GYPSUM BOARD TO BE 5/8" TYPE "X" UNLESS NOTED OTHERWISE. IN DAMP AREAS, MOISTURE AND MOLD RESISTANT GYPSUM BOARD SHALL BE USED IN LIEU OF REGULAR GYPSUM BOARD. IN WET AREAS CEMENTITIOUS BACKER UNITS SHALL BE USED.
14. INSTALL GYPSUM BOARD CONSTRUCTION JOINTS AT MINIMUM 30'-0" O.C.
15. CONTRACTOR SHALL INSTALL ROUGH BLOCKING OR WOOD NAILERS DURING THE ROUGH FRAMING STAGE OF CONSTRUCTION AS REQUIRED FOR PROPERLY SECURING WALL CABINETS, SHELVING, LIGHTING, AND ELECTRICAL FIXTURES, WALL MOUNTED EQUIPMENT, MILLWORK, APPLIED DECORATIVE TREATMENTS, AND HANDRAIL BRACKETS. ALL WOOD BLOCKING TO BE FIRE TREATED MATERIAL.
16. EXISTING AREAS DAMAGED BY WORK OF THIS PROJECT SHALL BE PATCHED TO MATCH EXISTING ADJACENT SURFACES IN FINISH, COLOR, AND TEXTURE UNLESS OTHERWISE NOTED.
17. EXISTING PAINTED SURFACES DAMAGED OR PATCHED AS PART OF THIS PROJECT SHALL BE PAINTED TO MATCH EXISTING ADJACENT FINISH, COLOR, AND TEXTURE. EXISTING PAINT FINISH, COLOR, AND TEXTURE SHALL BE VERIFIED BY CONTRACTOR IN THE FIELD PRIOR TO CONSTRUCTION.
18. NEWLY INSTALLED EXPOSED ELECTRICAL ITEMS, INCLUDING BUT NOT LIMITED TO, CONDUIT HANGERS, AND FITTINGS SHALL BE PAINTED TO MATCH EXISTING ADJACENT SURFACES UNLESS DRAWINGS INDICATE A WALL OR CEILING TO REMAIN UNFINISHED (NOT PAINTED).
19. ALL EXISTING FLOOR SURFACES DAMAGED OR PATCHED AS PART OF THIS PROJECT SHALL BE PATCHED TO MATCH EXISTING ADJACENT FINISH, COLOR, AND TEXTURE. EXISTING FLOOR FINISH SHALL BE VERIFIED AND DOCUMENTED BY CONTRACTOR IN THE FIELD PRIOR TO CONSTRUCTION.
20. ALL NEW CMU AND EXPOSED CONCRETE WALLS TO BE CLEANED AND PAINTED UNLESS NOTED OTHERWISE.
21. CONTRACTOR TO REMOVE ANY GRAFFITI WITHIN 24 HOURS DURING CONSTRUCTION.



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KANE COUNTY DEPARTMENT OF TRANSPORTATION (KDOT) OFFICE RENOVATION

41W011 BURLINGTON ROAD  
CAMPTON HILLS, IL 60175

Professional Seals

NOT FOR CONSTRUCTION

No.	Description	Date
1	ISSUED FOR 30% DESIGN	07/23/2018
2	ISSUED FOR 100% DESIGN	09/17/2018

## ARCHITECTURAL NOTES

DRAWN: V.WIEGAND	SHEET NO.
CHECKED: K.KORAB	<b>G-002</b>
DESIGNED: V.WIEGAND	
JOB NO: 18-1006	



## PROJECT ABBREVIATIONS

A AC	AIR CONDITIONING
A ACT	ACOUSTIC CEILING TILE
A ADA	AMERICANS WITH DISABILITIES ACT
A ADJ	ADJACENT
A AFF	ABOVE FINISHED FLOOR
A ALUM	ALUMINUM
A APPROX	APPROXIMATELY
A ARCH	ARCHITECTURAL
B B/	BOTTOM OF
B BIT	BITUMINOUS
B BLDG	BUILDING
B BRK	BRICK
B BTW	BETWEEN
C CAB	CABINET
C CB	CEMENT BOARD
C CCD	CHICAGO CITY DATUM
C CFMF	COLD FORMED METAL FRAMING
C CI	CONTINUOUS INSULATION
C CIP	CAST IN PLACE
C CJ	CONTROL JOINT
C CL	CENTERLINE
C CLNG	CEILING
C CLO	CLOSET
C CLR	CLEAR(ANCE)
C CMU	CONCRETE MASONRY UNIT
C CO	CLEAN OUT
C COL	COLUMN
C COMM	COMMUNICATION(S)
C CONC	CONCRETE
C CONST	CONSTRUCTION
C CONT	CONTINUOUS
C CORR	CORRIDOR
C CPT	CARPET
C CRS	COURSE(S)
C CS	CAST STONE
C CT	CEREMIC TILE
C CW	COLD WATER
C STC	SOUND TRANSMISSION CLASS
D DBL	DOUBLE
D DEMO	DEMOLISH, DEMOLITION
D DF	DRINKING FOUNTAIN
D DIA	DIAMETER
D DIM	DIMENSION
D DN	DOWN
D DS	DOWNSPOUT
D DWG(S)	DRAWING(S)
E EA	EACH
E EJ	EXPANSION JOINT
E ELEC	ELECTRICAL
E ELEV	ELEVATION
E ELVR	ELEVATOR
E ENCL	ENCLOSURE
E ENT	ENTRANCE
E EOS	EDGE OF SLAB
E EP	EPOXY PAINT
E EQ	EQUAL
E EQUIP	EQUIPMENT
E ESCR	ESCALATOR
E EWC	ELECTRIC WATER COOLER
E EWH	ELECTRIC WATER HEATER
E EXH	EXHAUST
E EXIST	EXISTING
E EXP	EXPOSED
E EXT	EXTERIOR
F F/	FACE OF
F FAAP	FIRE ALARM ANNUNCIATOR PANEL
F FACP	FIRE ALARM CONTROL PANEL
F FD	FLOOR DRAIN
F FDN	FOUNDATION
F FE	FIRE EXTINGUISHER
F FEC	FIRE EXTINGUISHER CABINET
F FF	FINISHED FLOOR
F FIN	FINISH(ED)
F FLR	FLOOR
F FP	FIRE PROTECTION
F FT	FEET, FOOT
F FTG	FOOTING
G GA	GAUGE
G GALV	GALVANIZED
G GB	GYPNUM BOARD
G GC	GENERAL CONTRACTOR
G GCMU	GLAZED CONCRETE MASONRY UNIT
G GFCI	GROUND FAULT CIRCUIT INTERRUPTER
G GFCEMU	GROUND FACE CONCRETE MASONRY UNIT
G GFRC	GLASS FIBER REINFORCED CONCRETE
G GFRG	GLASS FIBER REINFORCED GYPNUM
G GL	GLASS
H HB	HOSE BIB
H HC	HOLLOW CORE
H HDW	HARDWARE
H HM	HOLLOW METAL
H HORIZ	HORIZONTAL(LY)
H HP	HIGH POINT
H HR(S)	HOUR(S)
H HT	HEIGHT
H HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
H HW	HOT WATER
H HWD	HARDWOOD
H HWH	HOT WATER HEATER
I ID	INSIDE DIAMETER
I IN	INCH(ES)
I INCL	INCLUDE(D)(ING)
I INFO	INFORMATION
I INSUL	INSULATION
I INT	INTERIOR, INTERNAL
J JAN	JANITOR
J JST	JOIST
J JT	JOINT
L LAM	LAMINATE(D)
L LAV	LAVATORY
L LBP	LEAD-BASED PAINT
L LBS	POUND(S)
L LF	LINEAR FEET
L LH	LEFT HAND
L LLH	LONG LEG HORIZONTAL
L LLV	LONG LEG VERTICAL
L LP	LOW POINT
L LVL	LEVEL
M MATL	MATERIAL(S)
M MAX	MAXIMUM
M MECH	MECHANICAL
M MEP	MECHANICAL, ELECTRICAL & PLUMBING
M MEZZ	MEZZANINE
M MFR	MANUFACTURER(R)(D)
M MH	MANHOLE
M MIN	MINIMUM
M MISC	MISCELLANEOUS
M MNT	MOUNT(ING)
M MO	MASONRY OPENING
M MOPD	MAYOR'S OFFICE FOR PEOPLE WITH DISABILITIES
M MTD	MOUNTED
M MTL	METAL
M MWK	MILLWORK
N NIC	NOT IN CONTRACT
N NO	NUMBER
N NOM	NOMINAL
N NTS	NOT TO SCALE
O OC	ON CENTER
O OCC	OCCUPANCY
O OD	OUTSIDE DIAMETER
O OHD	OVERHEAD DOOR
O OPH	OPPOSITE HAND
O OPNG	OPENING
O OPP	OPPOSITE
P PCT	PORCELAIN CERAMIC TILE
P PHEN	PHENOLIC
P PJF	PREMOLDED JOINT FILLER
P PL	PLATE
P PLAM	PLASTIC LAMINATE
P PLSTR	PLASTER
P PLUMB	PLUMBING
P PNL	PANEL
P POU	POINT OF USE
P PR	PAIR
P PRC	PRECAST
P PREFAB	PREFABRICATE(D)
P PT(D)	PAINT(ED)
P PTN	PARTITION
P PVC	POLYVINYL CHLORIDE
P PWD	PLYWOOD
Q QT	QUARRY TILE
R RB	RESILIENT BASE
R RCP	REFLECTED CEILING PLAN
R RD	ROOF DRAIN
R REF	REFERENCE
R REINF	REINFORCED(D)(ING)
R REQD	REQUIRED
R RH	RIGHT HAND
R RM	ROOM
R RO	ROUGH OPENING
R ROW	RIGHT-OF-WAY
R RSR	RISER
R RTN	RETURN
S SAN	SANITARY
S SC	SEALED CONCRETE
S SCFT	STRUCTURAL CLAY FACING TILE
S SCHED	SCHEDULE
S SCWD	SOLID CORE WOOD DOOR
S SF	SQUARE FEET(FOOT)
S SFCMU	SPLIT FACE CONCRETE MASONRY UNIT
S SHT	SHEET
S SHWR	SHOWER
S SIM	SIMILAR
S SPEC(S)	SPECIFICATION(S)
S SQ	SQUARE
S ST STL	STAINLESS STEEL
S STL	STEEL
S STN	STONE
S STRUC	STRUCTURE/STRUCTURAL
S SUSP	SUSPENDED
T T&G	TONGUE AND GROOVE
T T/	TOP OF
T TD	TRENCH DRAIN
T TEL	TELEPHONE
T TEMP	TEMPORARY
T THK	THICK(NESS)
T TRD	TREAD
T TYP	TYPICAL
T TZ	TERRAZZO
U UL	UNDERWRITER'S LABORATORIES
U UNF	UNFINISHED
U UNO	UNLESS NOTED OTHERWISE
U UNX	UNEXCAVATED
U URN	URINAL
V VB	VINYL BASE
V VCT	VINYL COMPOSITION TILE
V VERT	VERTICAL(LY)
V VIF	VERIFY IN FIELD
V VTR	VENT THROUGH ROOF
W W/	WITH
W WAP	WIRELESS ACCESS POINT
W WC	WATER CLOSET
W WD	WOOD
W WGT	WEIGHT
W WH	WALL HUNG
W WM	WIRE MESH
W WP	WORKING POINT
W WR	WATER RESISTANT
W WRB	WEATHER RESISTIVE BARRIER
W WWF	WELDED WIRE FABRIC

## PROJECT PATTERNS

### DIVISION 03 - CONCRETE

	CONCRETE
	PRECAST CONCRETE

### DIVISION 04 - MASONRY

	BRICK
	STONE
	CONCRETE MASONRY UNIT (CMU)
	MORTAR NET
	STRUCTURAL GLAZED FACING TILE (SGFT)

### DIVISION 05 - METALS

	ALUMINUM
	STEEL

### DIVISION 06 - WOODS, PLASTICS AND COMPOSITES

	BLOCKING / SHIM
	DIMENSIONAL LUMBER
	FINISH WOOD
	PLYWOOD

### DIVISION 07 - THERMAL AND MOISTURE PROTECTION

	FIREPROOFING
	INSULATION - BATT
	INSULATION - RIGID
	GLAZING (LARGE SCALE)
<b>DIVISION 09 - FINISHES</b>	
	ACOUSTICAL CEILING TILE (ACT)
	CERAMIC TILE (WALL OR FLOOR)
	GYPNUM WALL BOARD (GWB)
	RESILIENT TILE
	SOLID SURFACE MATERIAL (SSM)
	TERRAZZO
<b>DIVISION 31 - EARTHWORK</b>	
	EARTH
	GRAVEL

### DIVISION 31 - EARTHWORK

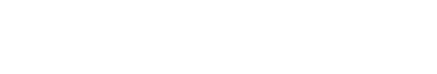
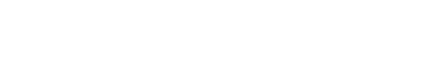
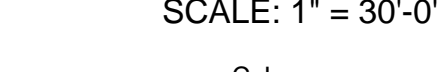
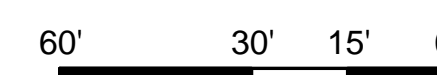
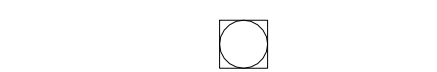
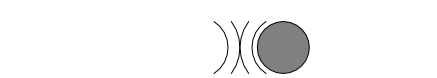
	EARTH
	GRAVEL

### DIVISION 32 - SITE IMPROVEMENTS

	TACTILE WARNING
--	-----------------

## GENERAL SYMBOL LEGEND

	DOOR NUMBER	DOOR TAG
	PARTITION TYPE	PARTITION TAG
	GLAZING TYPE	GLAZING TAG
	ACCESSORY NUMBER	ACCESSORY TAG
	EQUIPMENT NUMBER	EQUIPMENT TAG
	PLUMBING FIXTURE NUMBER	PLUMBING FIXTURE TAG
	SIGN NUMBER	SIGNAGE TAG
	WEATHER RESISTIVE BARRIER	
	SEALANT & BACKER ROD	
	FLOOR DRAIN; REF PLUMB DWGS	
	GRAPHIC SCALE	
	CONTROL JOINT	
	1 HOUR RATED PARTITION	
	2 HOUR RATED PARTITION	
	3 HOUR RATED PARTITION	
	4 HOUR RATED PARTITION	
	FIRE EXTINGUISHER	
	5' WHEELCHAIR TURNAROUND	



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KANE COUNTY DEPARTMENT  
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OFFICE RENOVATION

41W011 BURLINGTON ROAD  
CAMPTON HILLS, IL 60175

Professional Seals

NOT FOR  
CONSTRUCTION

No.	Description	Date
1	ISSUED FOR 30% DESIGN	07/23/2018
2	ISSUED FOR 100% DESIGN	09/17/2018

ARCHITECTURAL  
SYMBOLS &  
ABBREVIATIONS

DRAWN: V.WIEGAND	SHEET NO.
CHECKED: K.KORAB	<b>G-003</b>
DESIGNED: V.WIEGAND	
JOB NO: 18-1006	



# CODE MATRIX

CODE SUMMARY			
BUILDING DATA:	IBC 2012	ALLOWABLE OR REQUIRED	PROVIDED
OCCUPANCY CLASSIFICATION	CHAPTER 3	B	B
CONSTRUCTION TYPE	TABLE 601	III B	III B
AUTOMATIC FIRE SUPPRESSION SYSTEM	SECTION 903	NONE	NONSPRINKLERED
FIRE SEPARATION DISTANCE	TABLE 602, 705.8	X>30'	X>30'
MAX HEIGHT ALLOWED	TABLE 503	55 FT	HEIGHT ABOVE GRADE: +/-11 FT
INCREASE FOR SPRINKLER	SECTION 504.2	NONE	
OTHER MODIFICATIONS	TABLE 503	NONE	
TOTAL HEIGHT ALLOWED	TABLE 503	55 FT	
MAX STORIES ALLOWED (ABOVE GRADE)	TABLE 503	3	NUMBER OF STORIES: 1 STORIES
INCREASE FOR SPRINKLER	SECTION 504.2	NONE	
OTHER MODIFICATIONS	SECTION 504.2	NONE	
TOTAL STORIES	TABLE 503	3	
MAX AREA ALLOWED (PER STORY)	TABLE 503	19,000 SF	AREA PER FLOOR: 9,158 SF
INCREASE FOR SPRINKLER	SECTION 506.3	NONE	
FRONTAGE INCREASE	SECTION 506.2	NONE	
OTHER MODIFICATIONS	SECTION 506.2	NONE	
TOTAL AREA ALLOWED PER FLOOR	SECTION 506.2	19,000 SF	
FIRE RESISTANCE RATINGS:			
STRUCTURAL FRAME (COLS, GIRDERS, TRUSSES)	TABLE 601	0 HOURS	EXISTING
SUPPORTING FLOOR(S) & ROOF	TABLE 601	0 HOURS	EXISTING
SUPPORTING ROOF ONLY	TABLE 601	0 HOURS	EXISTING
BEARING WALLS			
EXTERIOR	TABLE 601, 602	2 HOURS	EXISTING
INTERIOR	TABLE 601	0 HOURS	EXISTING
NONBEARING WALLS & PARTITIONS			
EXTERIOR	TABLE 602	0 HOURS	N/A
INTERIOR	TABLE 601	0 HOURS	EXISTING
FLOOR CONSTRUCTION INCL BEAMS & JOISTS			
FLOOR CONSTRUCTION INCL BEAMS & JOISTS	TABLE 601	0 HOURS	EXISTING
ROOF CONSTRUCTION INCL BEAMS & JOISTS			
ROOF CONSTRUCTION INCL BEAMS & JOISTS	TABLE 601	0 HOURS	EXISTING
EXTERIOR WALL OPENINGS			
UNPROTECTED, NONSPRINKLERED	TABLE 705.8	NO LIMIT	NO LIMIT
PROTECTED	TABLE 705.8	NOT REQ'D	NOT REQUIRED
FIRE WALLS			
FIRE WALLS	SECTION 706	3 HOURS	N/A
FIRE BARRIERS			
SHAFT ENCLOSURES	SECTION 713.4	1 HOUR	EXISTING
STAIRWAY ENCLOSURES	SECTION 1022.1	1 HOUR	EXISTING
ELEVATOR ENCLOSURES	SECTION 713.14	1 HOUR	EXISTING
MECHANICAL SHAFTS	SECTION 713.4	1 HOUR	EXISTING
FIRE PARTITIONS	SECTION 709	1 HOUR	N/A
SMOKE BARRIERS	SECTION 709	1 HOUR	N/A **See General Notes #9
CORRIDOR FIRE RESISTIVE RATING	SEC 709, TBL 1018.1	1 HOUR	EXISTING
EXIT PASSAGEWAYS	SECTION 1023.3	1 HOUR	N/A
HORIZONTAL EXITS	SECTION 1025.2	2 HOURS	N/A
OPENING PROTECTIVES	SECTION 716		
FIRE DOORS	SECTION 716.5	VARIABLE	VARIABLE
FIRE WINDOWS	SECTION 716.6	VARIABLE	VARIABLE
MEANS OF EGRESS:			
OCCUPANT LOAD	SECTION 1004.1.1		REFER TO LIFE SAFETY PLAN
EGRESS WIDTH	SECTION 1005		REFER TO LIFE SAFETY PLAN
WIDTH PER OCCUPANT			
STAIRS	SECTION 1005.3.1	0.3 IN	EXISTING
OTHER	SECTION 1005.3.2	0.2 IN	EXISTING
STAIRWAY WIDTH	SECTIONS 1007.3, 1009.1	48 IN	EXISTING
EXIT ACCESS			
MAX COMMON PATH OF EGRESS TRAVEL	SECTION 1014.3, 1028.9	100 FT	22 FT
MAX EXIT ACCESS TRAVEL DISTANCE	SECTION 1016		
WITHOUT SPRINKLER SYSTEM	TABLE 1016.1	200 FT	REFER TO LIFE SAFETY PLAN
WITH SPRINKLER SYSTEM	TABLE 1016.1	300 FT	N/A
MINIMUM CORRIDOR WIDTH	SECTION 1018.2	44 IN	EXISTING
MAXIMUM DEAD END	SECTION 1018.4	20 FT	0 FT
MINIMUM NUMBER OF EXITS	SEC 1021, TBL 1021.1 & 2	2+	
MINIMUM DISTANCE BETWEEN EXITS	SECTION 1015.2	1/2 MAX DIAG	EXISTING
BUILDING AREA:			
FLOOR AREA - GROSS (FOR OCCUPANT LOAD)	SECTION 1002		18,716 SF
FLOOR AREA - NET (FOR OCCUPANT LOAD)	SECTION 1002		5,042 SF (53 OCCUPANTS)
FIRST FLOOR			11,845 SF (66 OCCUPANTS)
TOTAL AREA	SECTION 506.2		437 FEET

# GENERAL NOTES - LIFE SAFETY

- INTERIOR WALL AND CEILING FINISHES SHALL BE CLASS A WITH A FLAME SPREAD RATING 0-25, AND SMOKE DEVELOPED MAX RATING OF 450 PER IBC 803.1.1.
- ALL EXIT DOORS TO SWING IN THE DIRECTION OF TRAVEL EXCEPT FROM ROOMS HAVING A CAPACITY NOT EXCEEDING 50 PERSONS, PER IBC 1008.1.2.
- ALL EXIT DOORS MUST BE READILY OPENED WITHOUT A KEY FROM THE SIDE EGRESS IS MADE, PER IBC 1008.1.9.
- SEE SHEET A-201 FOR PARTITION TYPES.
- ALL GLASS IN DOORS TO BE TEMPERED SAFETY GLASS AND SAFETY RATED GLASS ADJACENT TO DOORS.
- ALL FIRE RATINGS INDICATED FOR WALLS, CEILINGS, AND ROOF ARE TO COMPLY WITH UNDERWRITER'S LABORATORIES TEST RATINGS OR AS REGULATED BY THE INTERNATIONAL BUILDING CODE AND NFPA 130 (2014).
- ALL GYPSUM BOARD TO BE TYPE 'X' UNLESS NOTED OTHERWISE.
- ALL RATED DOORS TO HAVE A FIRE DOOR CERTIFICATION LABEL READILY VISIBLE BY THE AUTHORITY HAVING JURISDICTION, MUST BE SELF-CLOSING AND MUST HAVE A POSITIVE LATCH, AND MUST BE INSTALLED IN ACCORDANCE WITH NFPA-80.
- MECHANICAL, ELECTRICAL, AND STORAGE AREAS REQUIRE TO HAVE 1HR SPRAY APPLIED FIRE PROTECTION AT ROOF AND STRUCTURE SUPPORTING ROOF. IF ABOVE 20'-0" AFF, NOT REQUIRED.
- ALL PENETRATIONS IN NONFIRE-RESISTANCE-RATED FLOOR ASSEMBLIES SHALL BE PROTECTED WITH AN APPROVED NONCOMBUSTIBLE MATERIAL THAT RESISTS THE FREE PASSAGE OF FLAME AND THE PRODUCTS OF COMBUSTION PER IBC 717.6.3.

**PLUMBING FIXTURE COUNTS - NO CHANGE TO EXISTING**  
TOTAL OCCUPANT LOAD = 89 PERSONS

**PLUMBING FIXTURE REQ'D ACCORDING TO ILLINOIS PLUMBING CODE SECTION 890 APPENDIX A, TABLE B: OFFICE BUILDINGS**

WATER CLOSETS REQUIRED  
MEN 35 - 55 = 3  
WOMEN 35 - 55 = 3  
**PROVIDED = 9 MENS ROOM**  
**5 WOMENS ROOM**  
**1 UNISEX**  
**TOTAL = 15**

LAVATORIES REQUIRED  
MEN 36 - 60 = 3  
WOMEN 36 - 60 = 3  
**PROVIDED = 3 MENS ROOM**  
**5 WOMENS ROOM**  
**1 UNISEX**  
**TOTAL = 9**

**PLUMBING FIXTURE COUNTS PROVIDED ARE IN COMPLIANCE**

**PARKING DATA - NO CHANGE TO EXISTING**  
TOTAL PARKING STALLS PROVIDED ON BUILDING PROPERTY: 46 (NO CHANGE)  
2 HC SPACES (NO CHANGE)  
**TOTAL: 70 PROVIDED**

**PARKING CAPACITIES PROVIDED ARE IN COMPLIANCE**

**OCCUPANCY LOAD CALCULATIONS**  
AREA CALCULATION METHOD

FIRST FLOOR: 36 OCC.  
LOWER LEVEL: 53 OCC.  
**TOTAL INDOOR: 89 OCC.**

**EXITING CALCULATIONS - NO CHANGE TO EXISTING**  
3 EXITS = 670 OCCUPANTS ALLOWABLE FOR EXITING

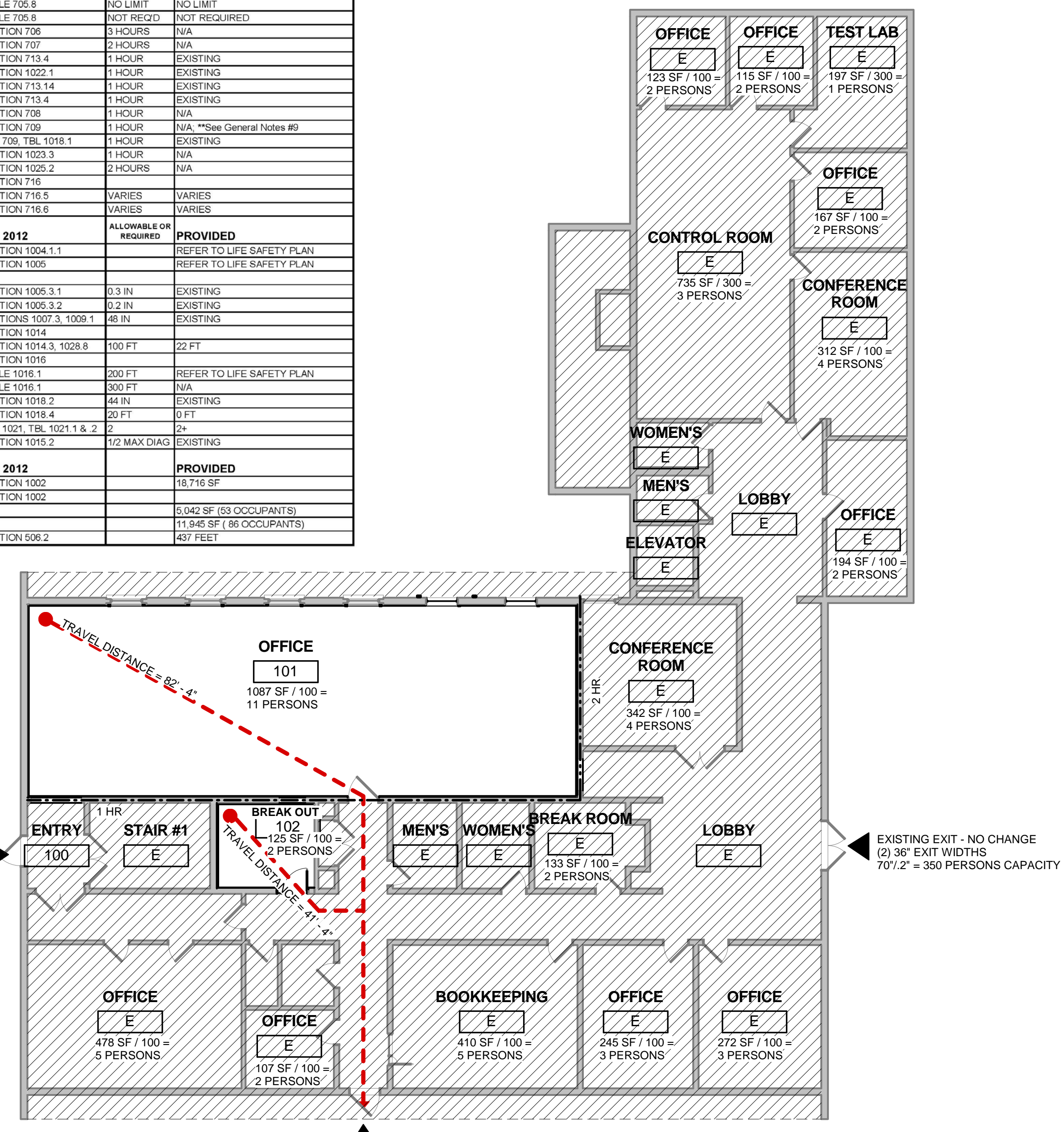
**DOOR CAPACITY**  
(1) 36" EXIT WIDTHS  
32'0.21N = 160 OCC.

(1) 36" EXIT WIDTHS  
32'0.21N = 160 OCC.

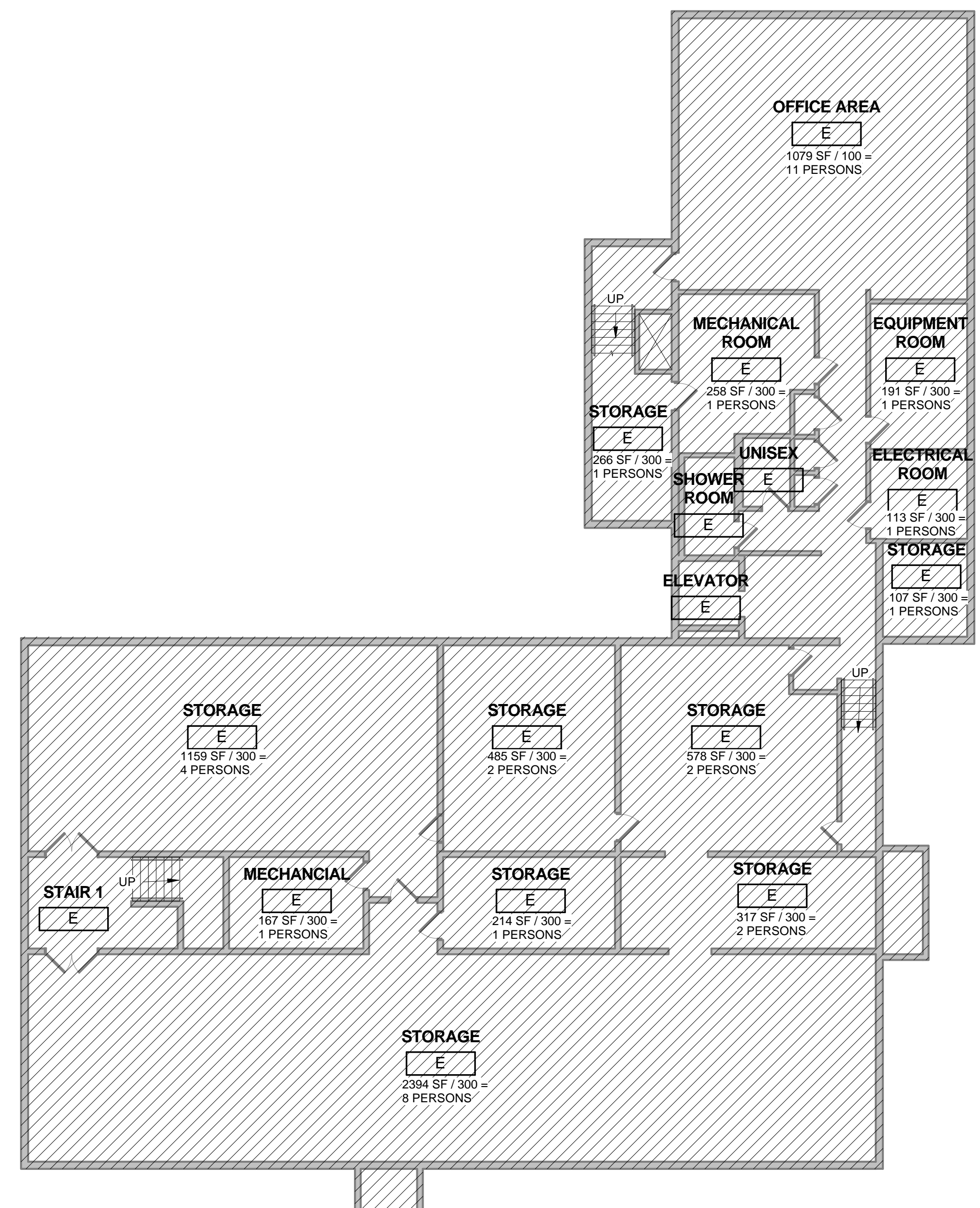
(2) 36" EXIT WIDTHS  
70'0.2" = 350 OCC

**TOTAL 670 OCC ALLOWABLE**

NO CHANGE, N.I.C.



**1** FIRST FLOOR LIFE SAFETY PLAN  
3/32" = 1'-0"



**2** BASEMENT FLOOR LIFE SAFETY PLAN  
3/32" = 1'-0"



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KANE COUNTY DEPARTMENT OF TRANSPORTATION (KDOT) OFFICE RENOVATION

41W011 BURLINGTON ROAD CAMPTON HILLS, IL 60175

Professional Seals

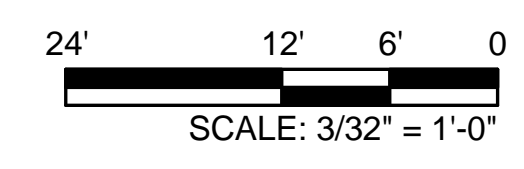
**NOT FOR CONSTRUCTION**

No.	Description	Date
1	ISSUED FOR 30% DESIGN	07/23/2018
2	ISSUED FOR 100% DESIGN	09/17/2018

## LIFE SAFETY NOTES & CODE MATRIX

DRAWN: V.WIEGAND  
CHECKED: K.KORAB  
DESIGNED: V.WIEGAND  
JOB NO: 18-1006

SHEET NO:  
**G-004**



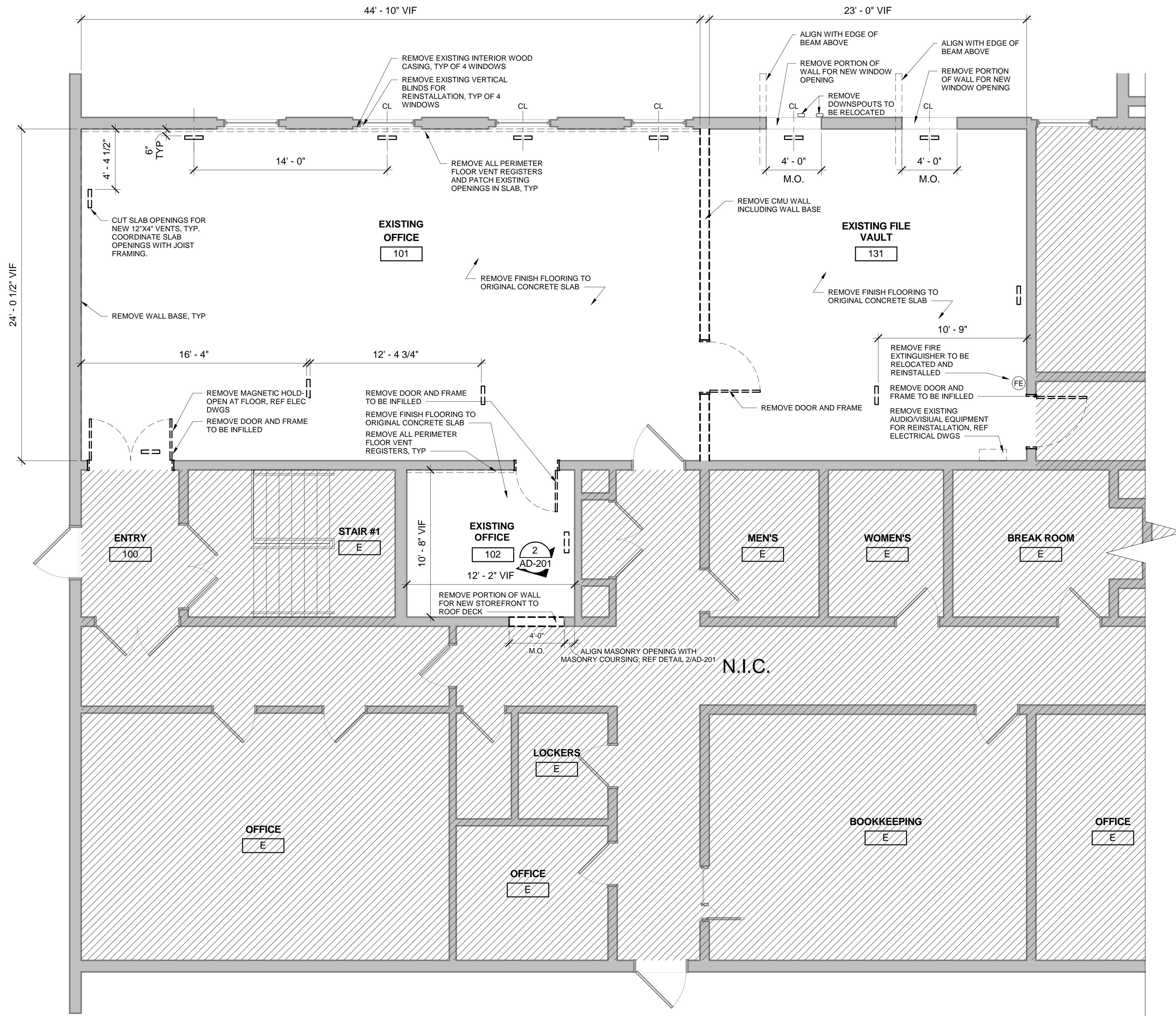
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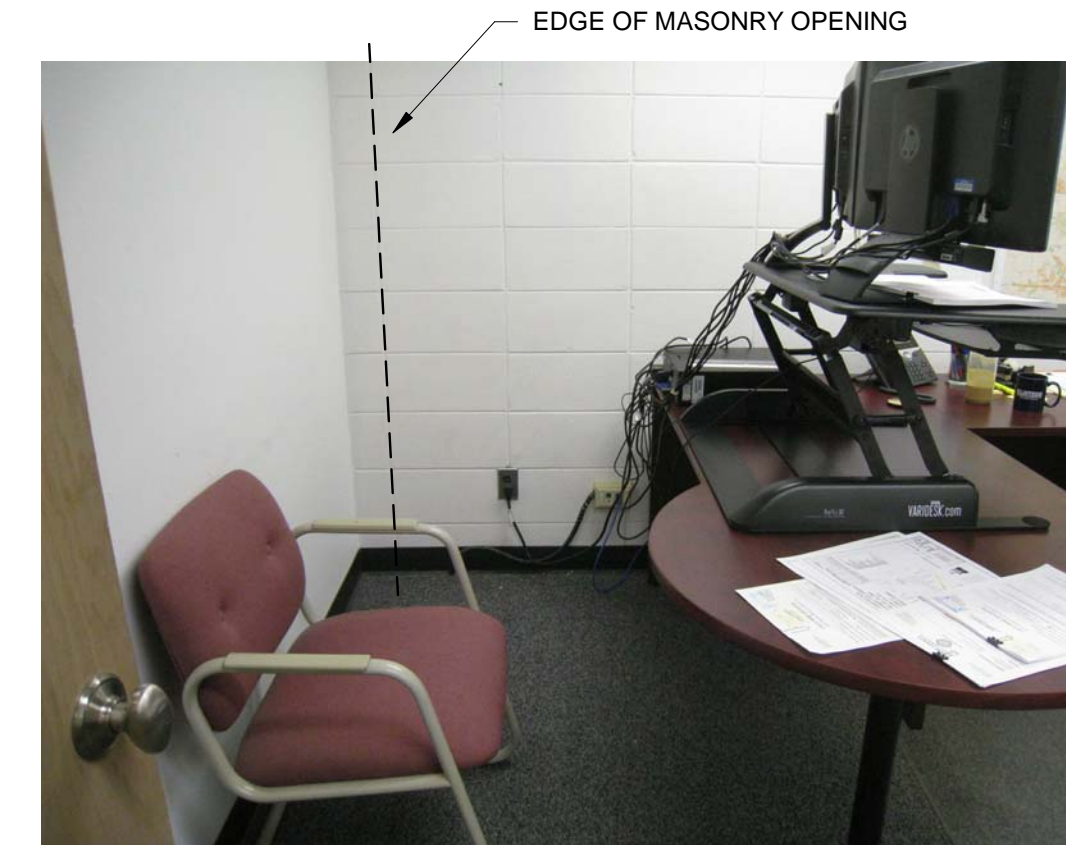
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1 FIRST FLOOR DEMOLITION PLAN  
1/4" = 1'-0"

### GENERAL NOTES - DEMO PLANS

1. CONTRACTOR TO COORDINATE ALL REMOVAL WITH THE REQUIREMENTS OF NEW CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR COMPLETE REMOVAL OF ALL ITEMS ASSOCIATED WITHIN THE DEMOLISHED AREA.
2. WALLS TO BE REMOVED ARE TO BE REMOVED TO THE DECK, U.N.O. CONTRACTOR TO VERIFY CEILING HEIGHTS IN THE FIELD DURING BIDDING.
3. REFERENCE MECH., AND ELEC. DEMO DRAWINGS FOR ASSOCIATED DEMO SCOPE.
4. OWNER WILL REMOVE AND/OR RELOCATE ALL EXISTING FURNITURE, FILE CABINETS, STORAGE, SHELVING, ETC PRIOR TO CONSTRUCTION.
5. REMOVE AUDIO/VISUAL AND EXIT SIGNS FOR REPLACEMENT; REFER TO ELECTRICAL DWGS.
6. SCOPE OF WORK CONTAINS SUSPECT LOCATIONS OF HAZARDOUS BUILDING MATERIALS. ABATEMENT IN LOCATIONS CONTAINING HAZARDOUS BUILDING MATERIALS IS REQUIRED. CONTRACTOR TO COMPLY WITH PROPER REMOVAL/MITIGATION PROCEDURES AS REQUIRED



2 BREAK OUT ROOM  
EXISTING INTERIOR ELEVATION  
N.T.S.

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## KANE COUNTY DEPARTMENT OF TRANSPORTATION (KDOT) OFFICE RENOVATION

41W011 BURLINGTON ROAD  
CAMPTON HILLS, IL 60175

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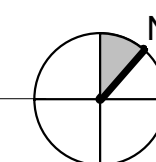
NOT FOR  
CONSTRUCTION

No.	Description	Date
1	ISSUED FOR 30% DESIGN	07/23/2018
2	ISSUED FOR 100% DESIGN	09/17/2018

### FIRST FLOOR DEMOLITION PLAN

DRAWN: V.WIEGAND  
CHECKED: K.KORAB  
DESIGNED: V.WIEGAND  
JOB NO: 18-1006

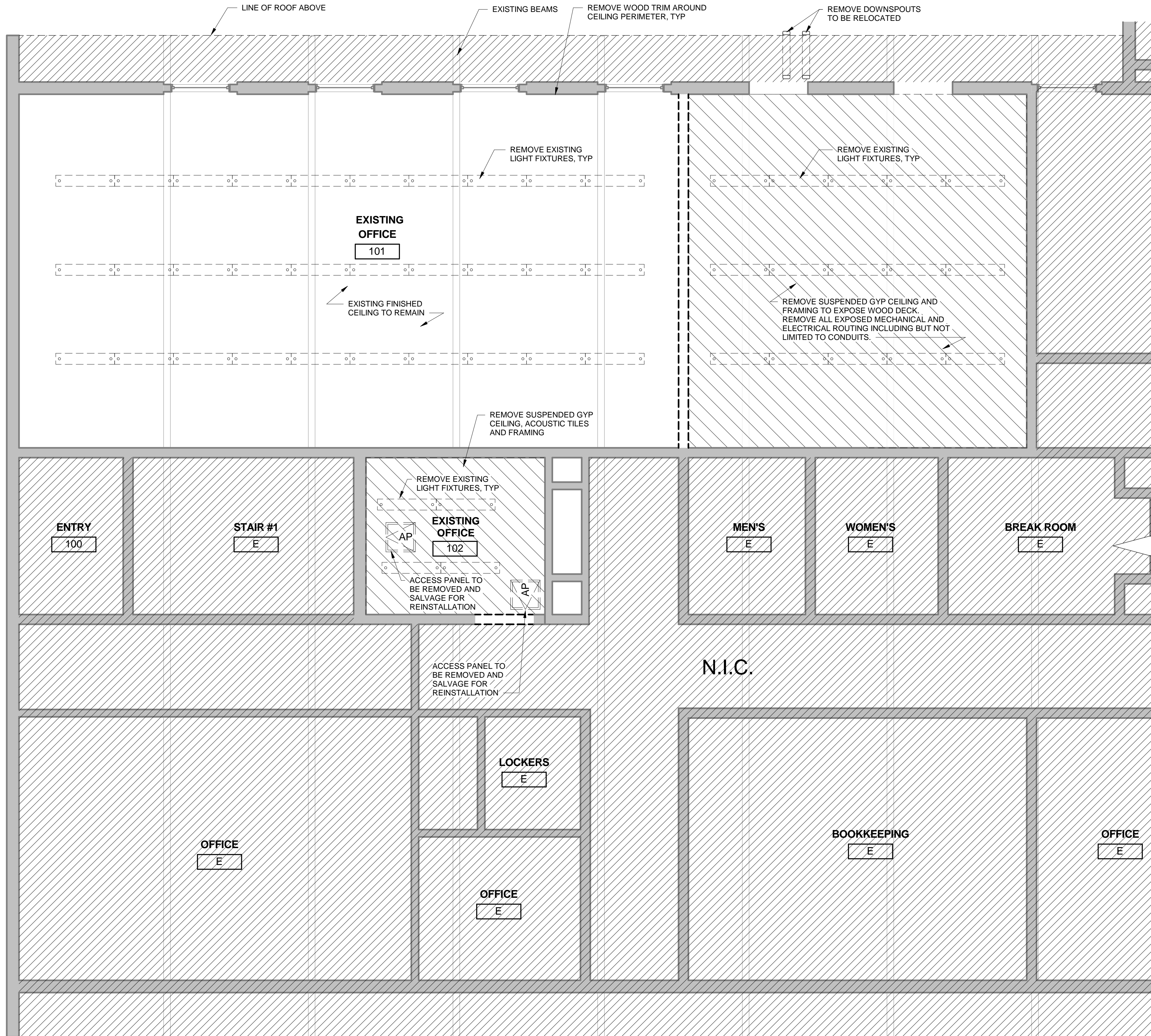
SHEET NO.  
**AD-201**





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**GENERAL NOTES - DEMO PLANS**

1. CONTRACTOR TO COORDINATE ALL REMOVAL WITH THE REQUIREMENTS OF NEW CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR COMPLETE REMOVAL OF ALL ITEMS ASSOCIATED WITHIN THE DEMOLISHED AREA.
2. REFERENCE MECH., AND ELEC., DEMO DRAWINGS FOR ASSOCIATED DEMO SCOPE.
3. SCOPE OF WORK CONTAINS SUSPECT LOCATIONS OF HAZARDOUS BUILDING MATERIALS. ABATEMENT IN LOCATIONS CONTAINING HAZARDOUS BUILDING MATERIALS IS REQUIRED. CONTRACTOR TO COMPLY WITH PROPER REMOVAL/MITIGATION PROCEDURES AS REQUIRED.



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**KANE COUNTY DEPARTMENT OF TRANSPORTATION (KDOT) OFFICE RENOVATION**

41W011 BURLINGTON ROAD  
CAMPTON HILLS, IL 60175

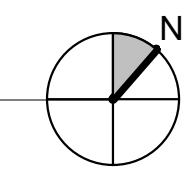
Professional Seals

**NOT FOR CONSTRUCTION**

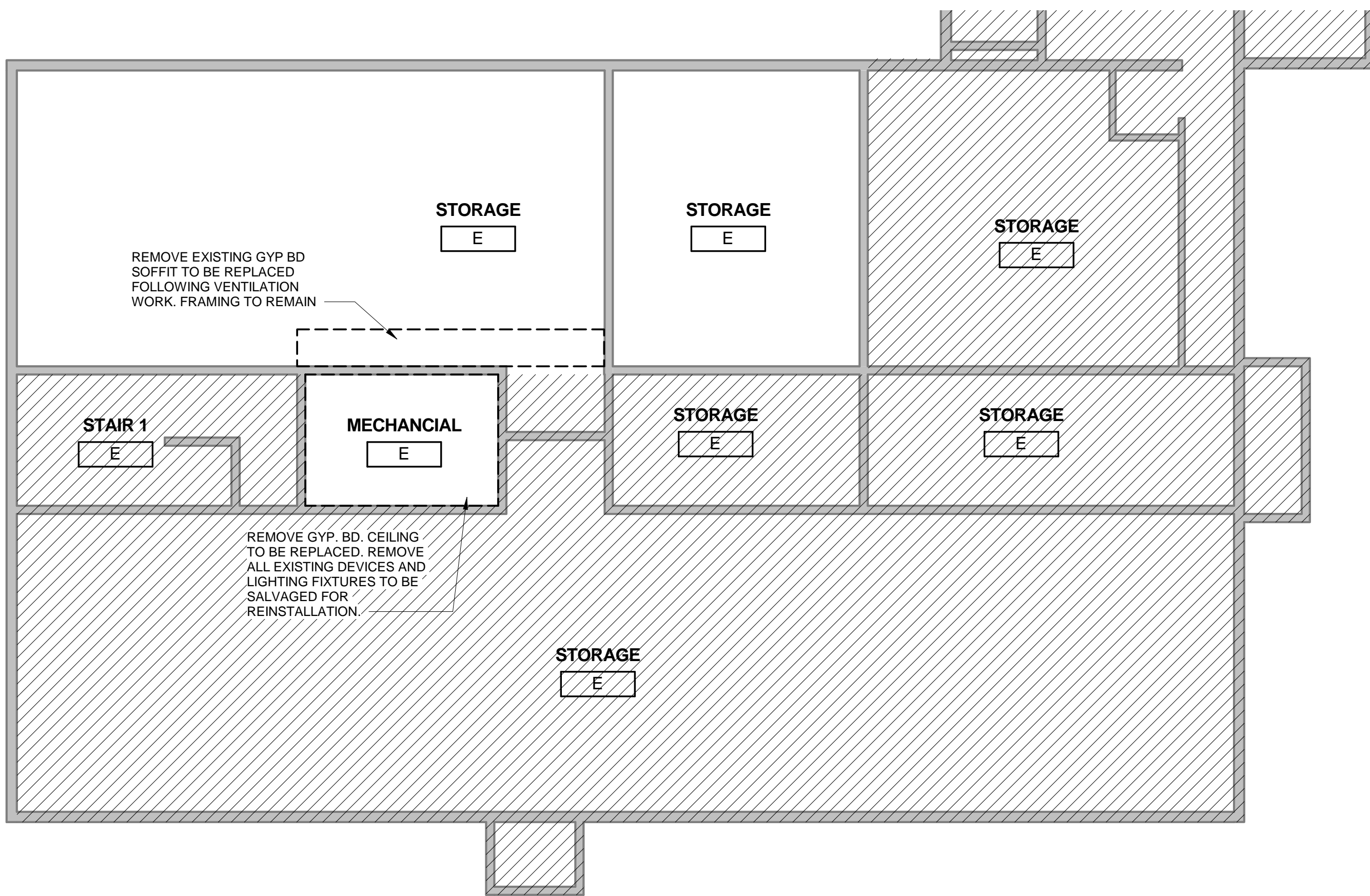
No.	Description	Date
1	ISSUED FOR 30% DESIGN	07/23/2018
2	ISSUED FOR 100% DESIGN	09/17/2018

**FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN**

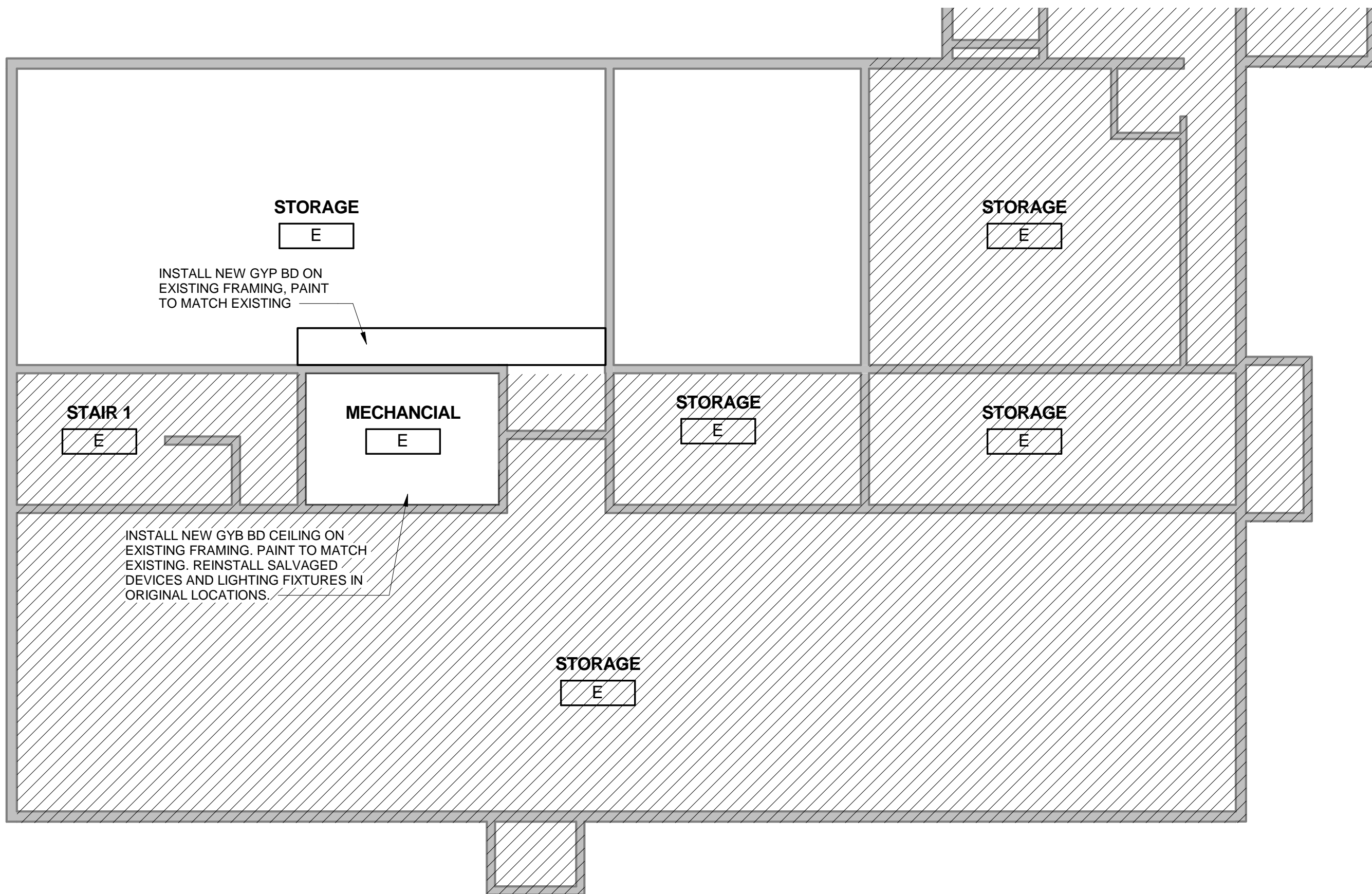
**1 FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN**  
1/4" = 1'-0"



DRAWN: V.WIEGAND	SHEET NO. AD-801
CHECKED: K.KORAB	
DESIGNED: V.WIEGAND	
JOB NO: 18-1006	



1 LOWER LEVEL DEMOLITION FLOOR PLAN  
1/8" = 1'-0"



2 LOWER LEVEL FLOOR PLAN  
1/8" = 1'-0"

**GENERAL NOTES - DEMO PLANS**

1. CONTRACTOR TO COORDINATE ALL REMOVAL WITH THE REQUIREMENTS OF NEW CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR COMPLETE REMOVAL OF ALL ITEMS ASSOCIATED WITHIN THE DEMOLISHED AREA.
2. REFERENCE MECH., AND ELEC., DEMO DRAWINGS FOR ASSOCIATED DEMO SCOPE.
3. SCOPE OF WORK CONTAINS SUSPECT LOCATIONS OF HAZARDOUS BUILDING MATERIALS. ABATEMENT IN LOCATIONS CONTAINING HAZARDOUS BUILDING MATERIALS IS REQUIRED. CONTRACTOR TO COMPLY WITH PROPER REMOVAL/MITIGATION PROCEDURES AS REQUIRED.

**RCP NOTES**

1. MATERIAL FINISH LEGEND. SEE SHEET A-701.
2. LIGHTING FIXTURES; REF ELECTRICAL DWGS.
3. ALL CEILING FIXTURES AND DEVICES TO BE CENTERED IN CEILING AND/OR ALIGNED WITH ARCHITECTURAL ELEMENTS UNLESS NOTED OTHERWISE.
4. REFERENCE ELEC DWGS FOR ADDITIONAL LIGHT FIXTURE INFO.
5. ANY CEILING MOUNTED LIGHTING OR DEVICES MAY BE SUSPENDED FROM WOOD DECK BUT FASTENERS SHALL NOT PENETRATE FULLY THROUGH THE DECK.

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41W011 BURLINGTON ROAD  
CAMPTON HILLS, IL 60175

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NOT FOR CONSTRUCTION

No.	Description	Date
1	ISSUED FOR 100% DESIGN	09/17/2018

LOWER LEVEL DEMOLITION PLAN AND NEW FLOOR PLAN



DRAWN: V.WIEGAND	SHEET NO.
CHECKED: K.KORAB	A-101
DESIGNED: V.WIEGAND	
JOB NO: 18-1006	



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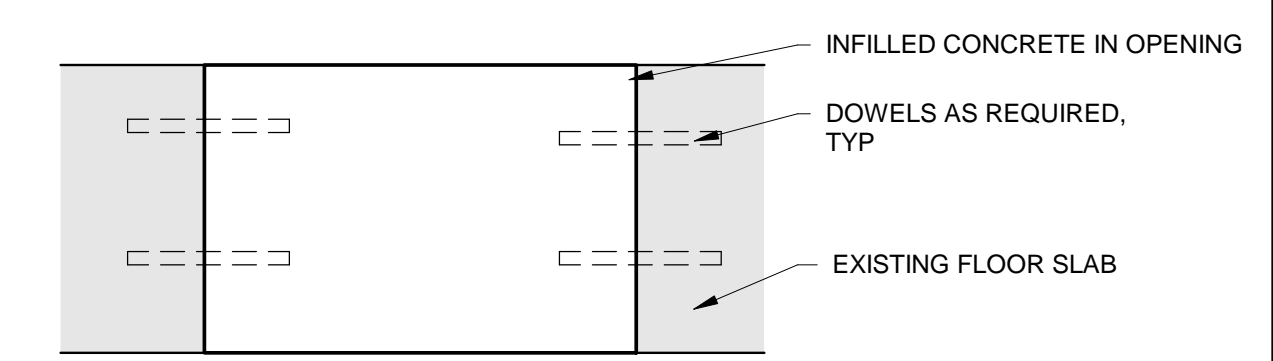
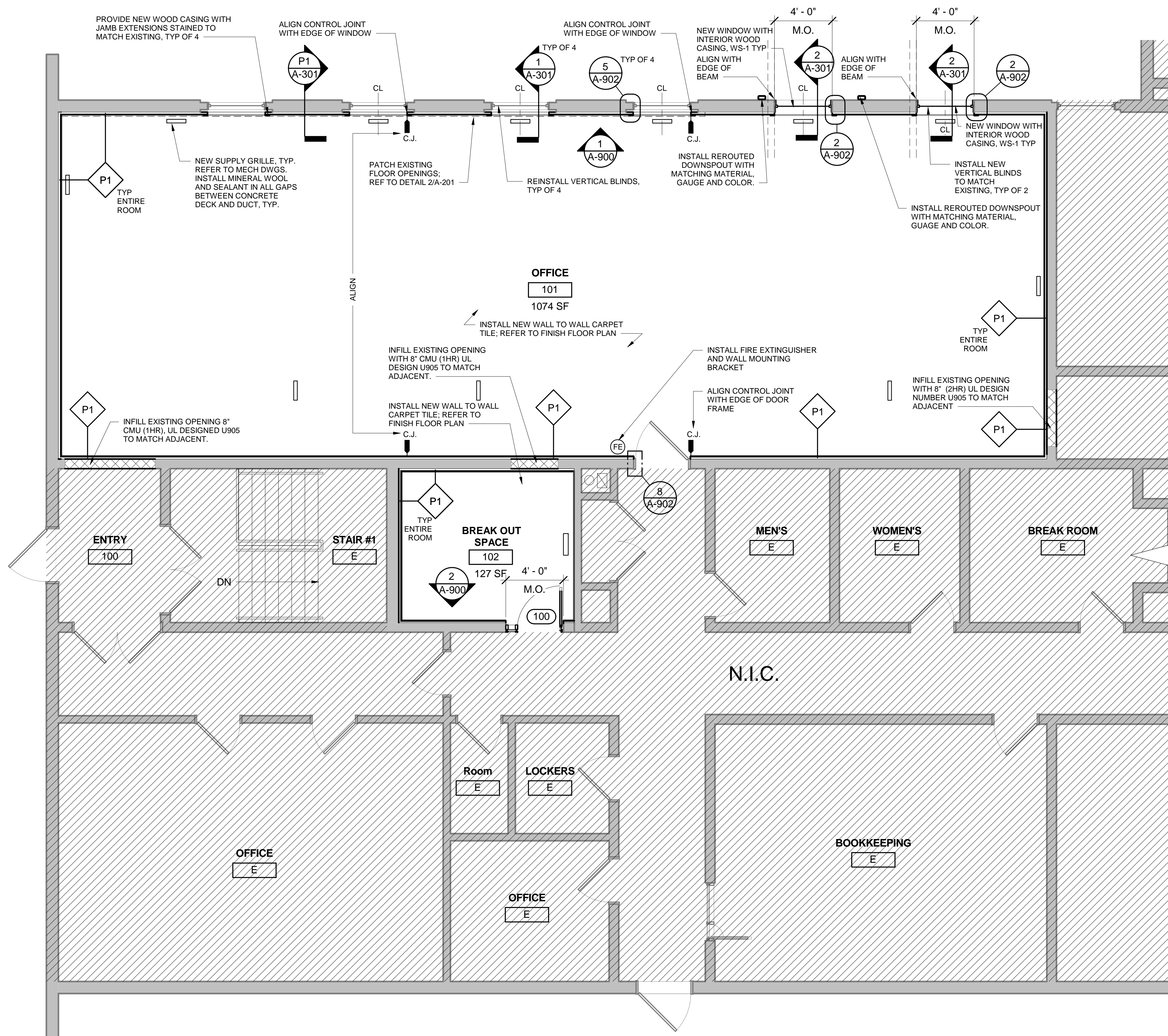
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### FLOOR PLAN NOTES

- PARTITION TYPES, SEE SHEET A-301.
- FINISH FLOOR PLAN, SEE SHEET A-701.
- FURNITURE PLAN, SEE SHEET A-702.



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**2** **DETAIL AT FLOOR INFILL**  
6" = 1'-0"

## KANE COUNTY DEPARTMENT OF TRANSPORTATION (KDOT) OFFICE RENOVATION

41W011 BURLINGTON ROAD  
CAMPTON HILLS, IL 60175

Professional Seals

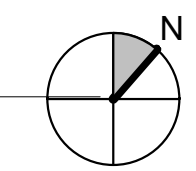
**NOT FOR CONSTRUCTION**

No.	Description	Date
1	ISSUED FOR 10% DESIGN	05/08/2018
2	ISSUED FOR 30% DESIGN	07/23/2018
3	ISSUED FOR 100% DESIGN	09/17/2018

### FIRST FLOOR PLAN

DRAWN: V.WIEGAND	SHEET NO. <b>A-201</b>
CHECKED: K.KORAB	
DESIGNED: V.WIEGAND	
JOB NO: 18-1006	

**1** **FIRST FLOOR PLAN**  
1/4" = 1'-0"





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**KANE COUNTY DEPARTMENT  
OF TRANSPORTATION (KDOT)  
OFFICE RENOVATION**

41W011 BURLINGTON ROAD  
CAMPTON HILLS, IL 60175

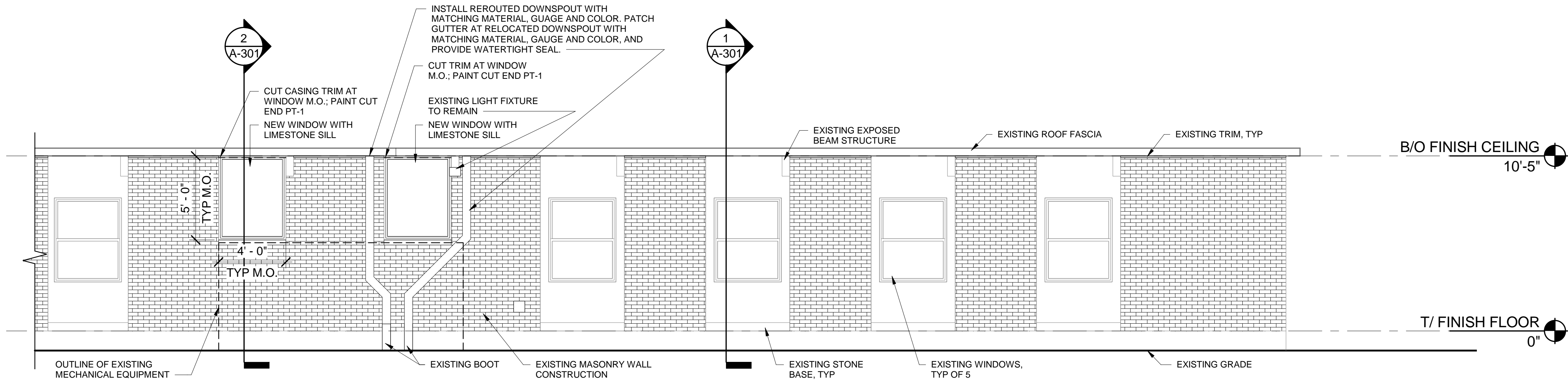
Professional Seals

**NOT FOR  
CONSTRUCTION**

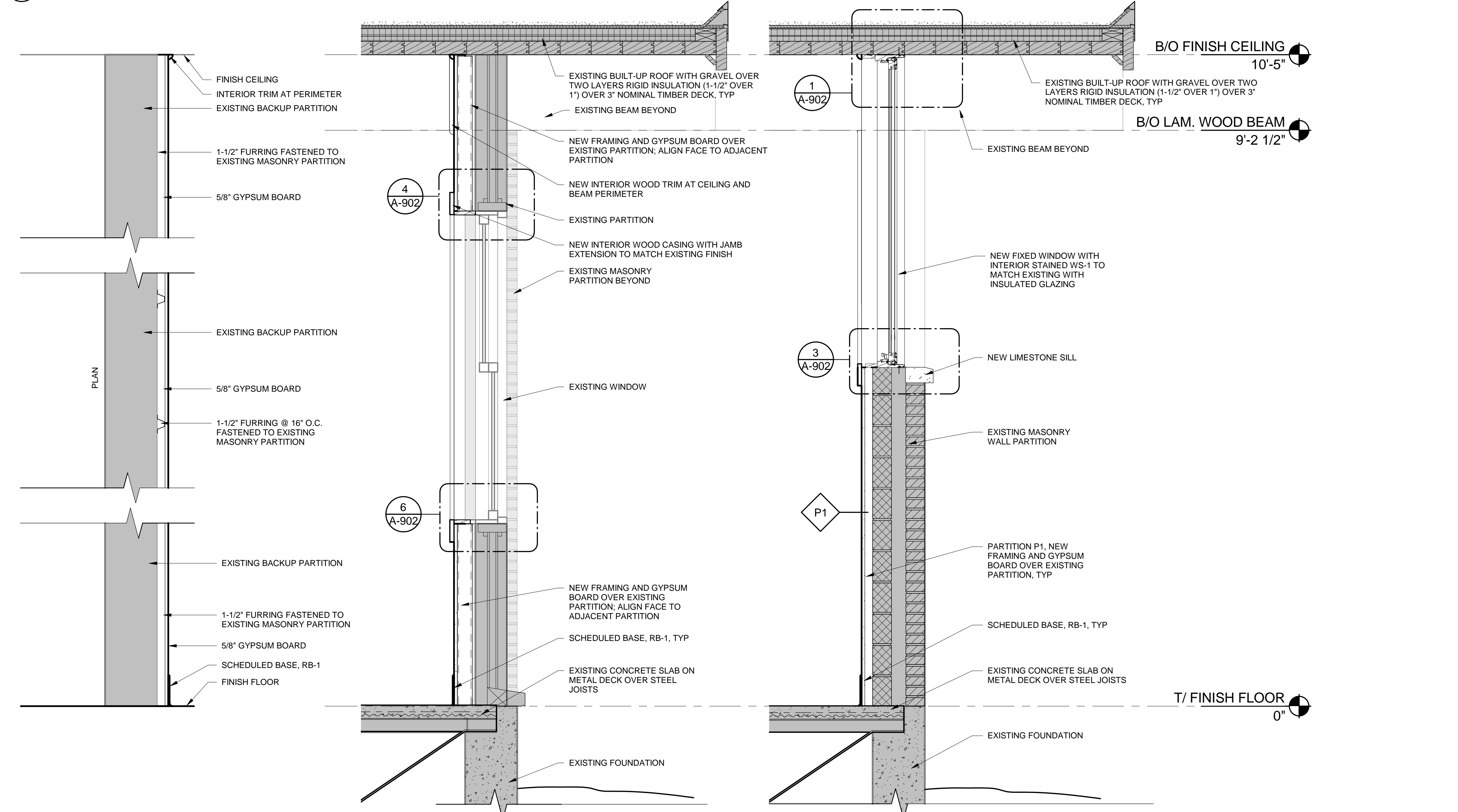
No.	Description	Date
1	ISSUED FOR 30% DESIGN	07/23/2018
2	ISSUED FOR 100% DESIGN	09/17/2018

**BUILDING ELEVATIONS,  
PARTITION TYPES, AND  
WALL SECTIONS**

DRAWN: V.WIEGAND	SHEET NO.
CHECKED: K.KORAB	<b>A-301</b>
DESIGNED: V.WIEGAND	
JOB NO: 18-1006	



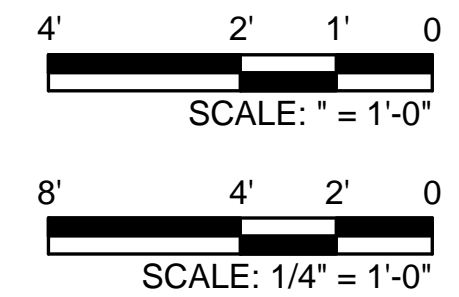
**7 NORTH ELEVATION**  
1/4" = 1'-0"



**P1 PARTITION TYPE 1**  
1" = 1'-0"

**1 WALL SECTION  
TYPICAL EXISTING WINDOW**  
1" = 1'-0"

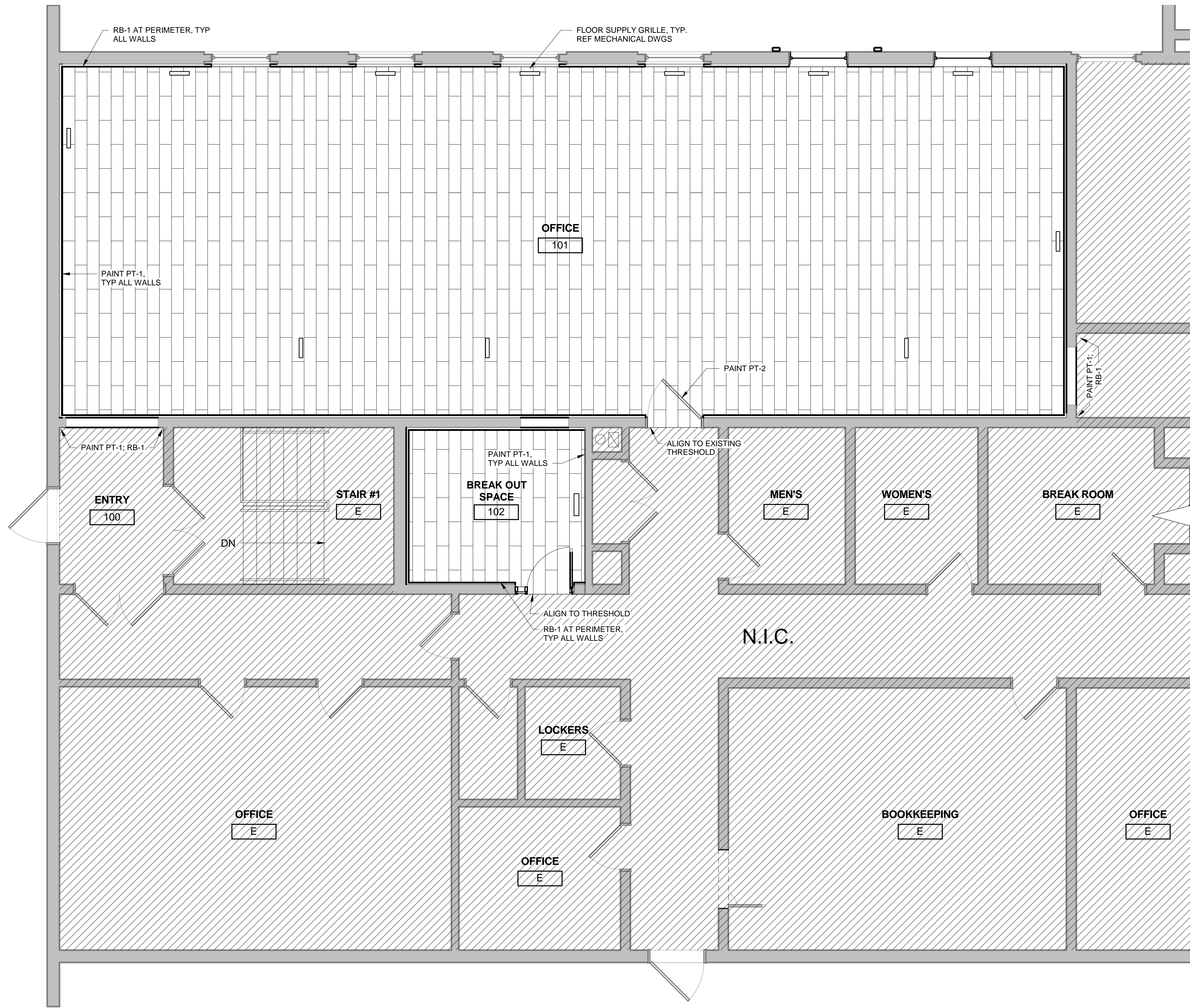
**2 WALL SECTION  
TYPICAL NEW WINDOW**  
1" = 1'-0"



C:\Users\vwiegand\Documents\KDOT Office Renovation\_vwiegang.rvt

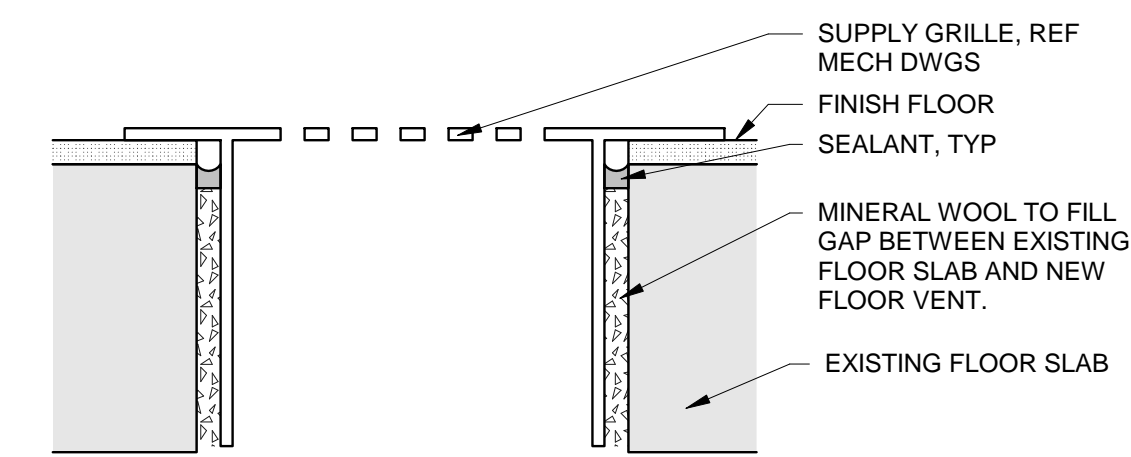
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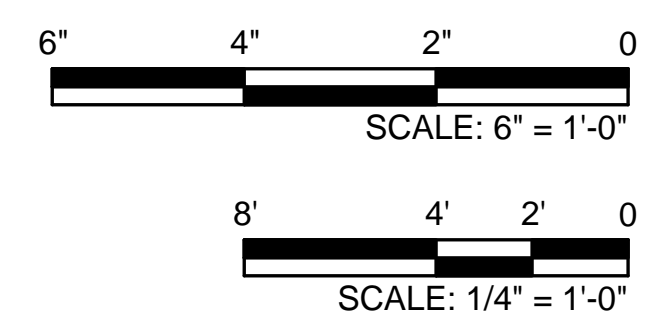


**1** FIRST FLOOR FINISH PLAN  
1/4" = 1'-0"

MATERIAL FINISH LEGEND		
ABBREV	DESCRIPTION	DESCRIPTION
<b>EXTERIOR/INTERIOR WALL FINISHES</b>		
GWB-1	GYPSUM WALL BOARD	BASIS OF DESIGN (SEE SPECIFICATIONS)
RB-1	RESILIENT BASE	MATCH EXISTING
PT - 1	PAINT	COLOR: SW 7035 AESTHETIC WHITE
PT - 2	PAINT	COLOR: SW 6991 BLACK MAGIC
WS-1	WOOD STAIN	MATCH EXISTING WINDOWS
<b>CEILING FINISHES</b>		
GWB-1	GYPSUM BOARD	BASIS OF DESIGN (SEE SPECIFICATIONS)
WS-2	WOOD STAIN	MATCH EXISTING BEAMS, AND TONGUE AND GROOVE
<b>FLOOR FINISHES</b>		
CPT-1	CARPET TILE	BASIS OF DESIGN: INTERFACE, NET EFFECT COLLECTION B701, 25CM X 1M, COLOR 102893 CASPIAN



**2** DETAIL AT FLOOR REGISTER  
6" = 1'-0"



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41W011 BURLINGTON ROAD  
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No.	Description	Date
1	ISSUED FOR 30% DESIGN	07/23/2018
2	ISSUED FOR 100% DESIGN	09/17/2018

**FIRST FLOOR FINISH PLAN**

DRAWN: V.WIEGAND	SHEET NO. A-701
CHECKED: K.KORAB	
DESIGNED: V.WIEGAND	
JOB NO: 18-1006	



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1	ISSUED FOR 10% DESIGN	05/08/2018
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3	ISSUED FOR 100% DESIGN	09/17/2018

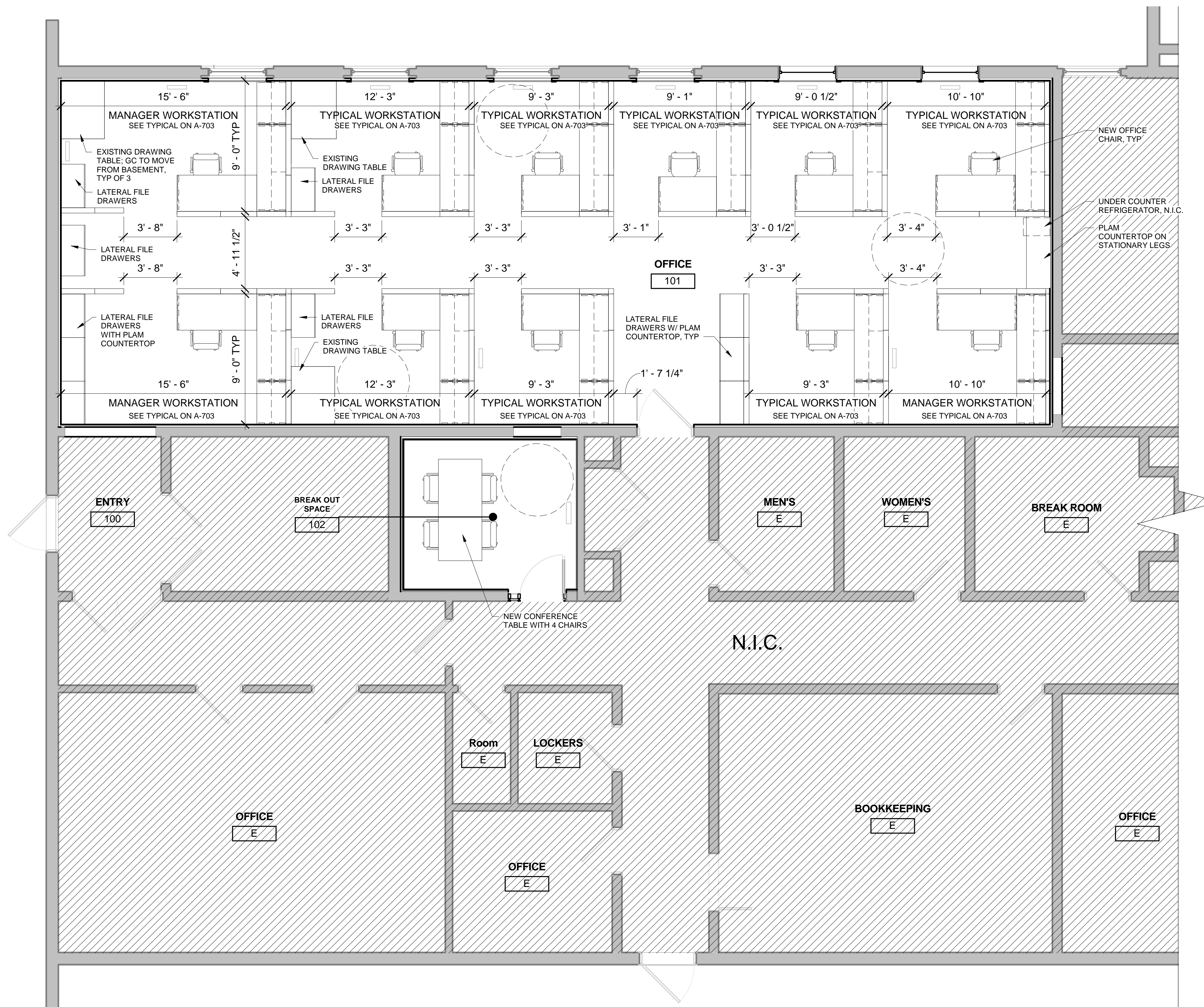
**FIRST FLOOR  
FURNITURE PLAN**

DRAWN: V.WIEGAND  
CHECKED: K.KORAB  
DESIGNED: V.WIEGAND  
JOB NO: 18-1006

SHEET NO:  
**A-702**

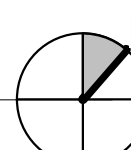
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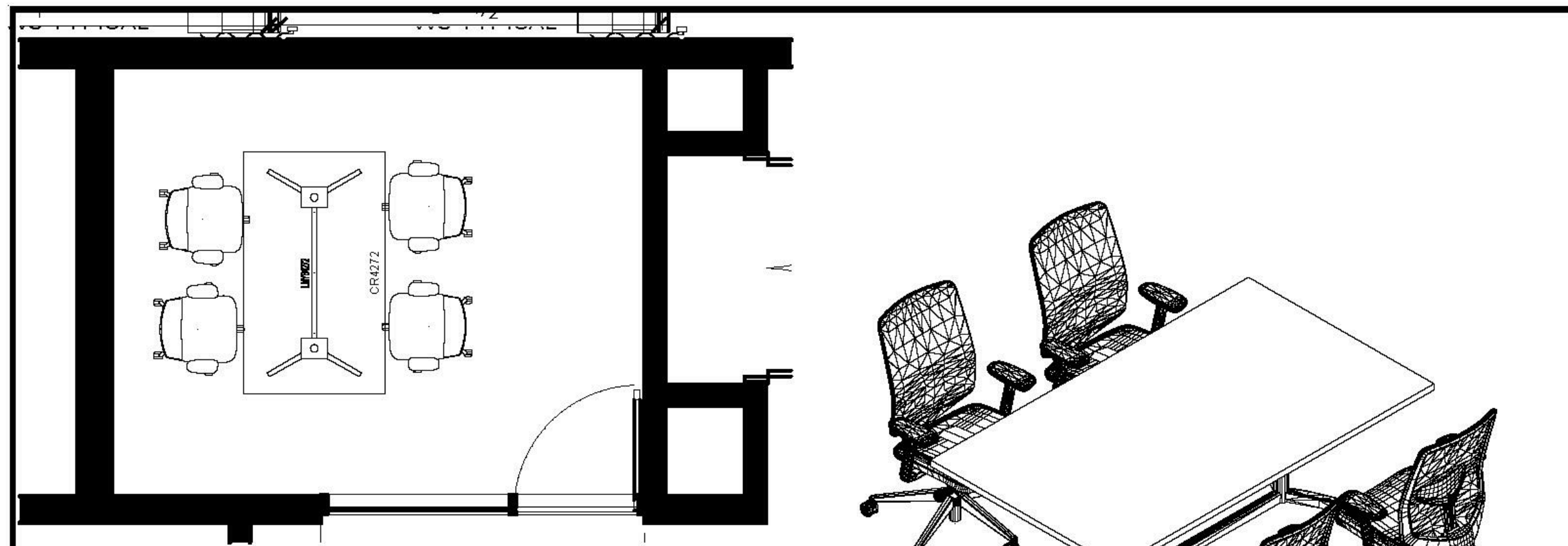


**1 FIRST FLOOR  
FURNITURE PLAN**

1/4" = 1'-0"







**Shown:**  
 42 x 72 Enwork Table (glides)  
 (4)HMI Verus Task Chairs

\* THESE DOCUMENTS HAVE BEEN RECEIVED AND CHECKED FOR ACCURACY REGARDING CONFIGURATION AND PLACEMENT OF FURNITURE.

APPROVED BY:

DATE:

**MULLER + MULLER**

DRAWING NAME: WS - CONFERENCE

DATE: 6.13.2018

PLOT DATE/ FILE NAME: 9/6/2018 4:28 PM  
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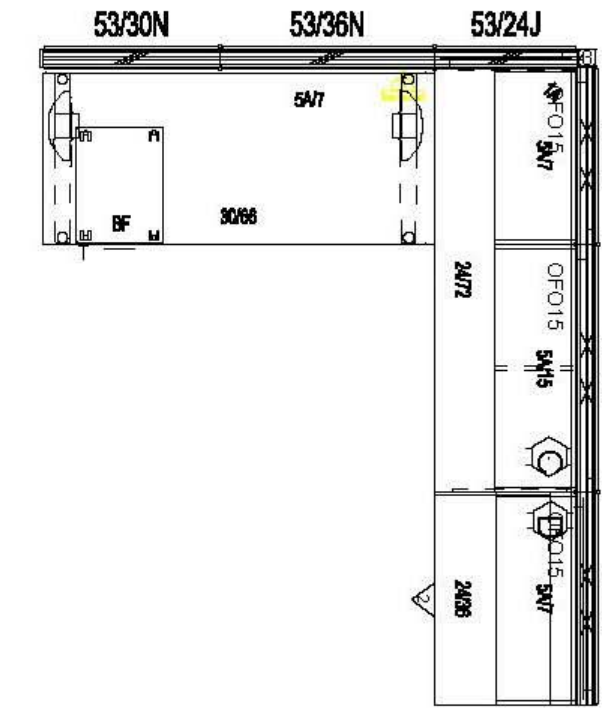
SCALE: N.T.S.

REVISIONS:

DRAWN BY: BDS

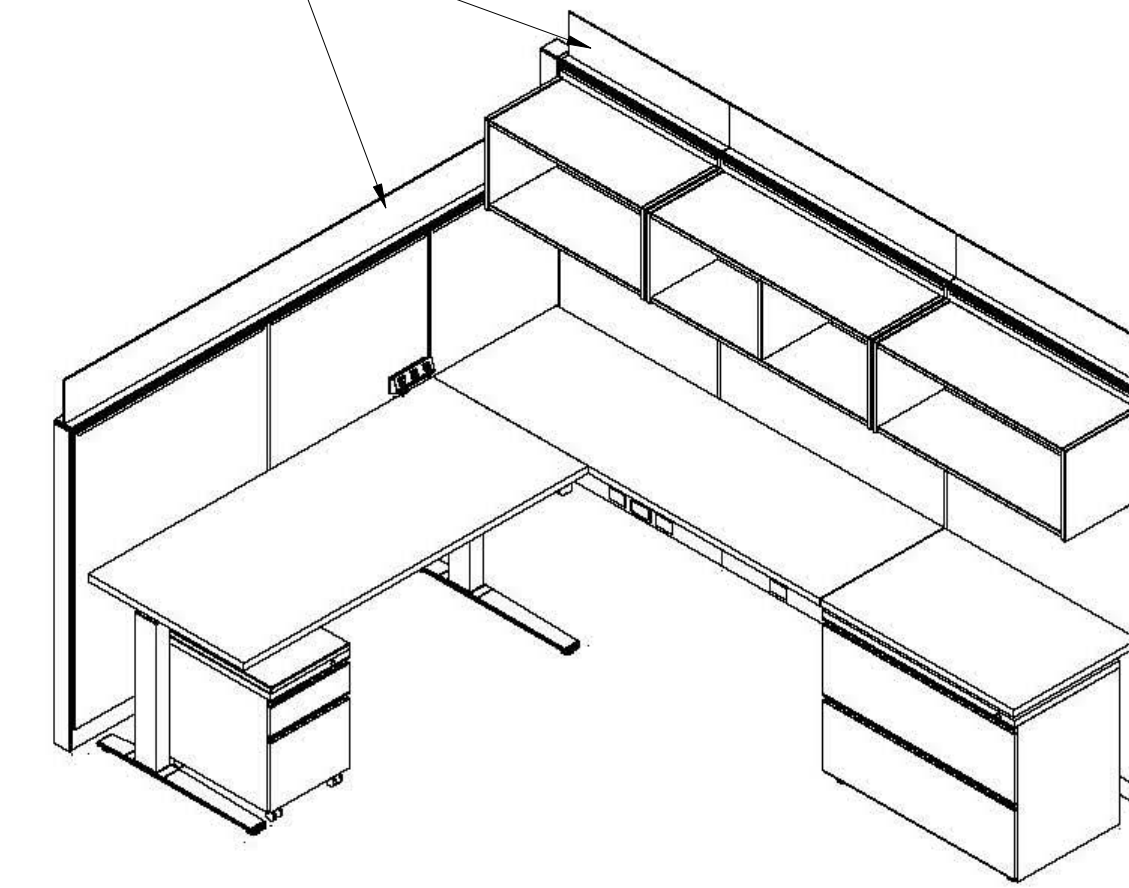
SALES: NM

**Interior Investments LLC**  
 205 West Wacker Drive  
 17th Floor  
 Chicago, IL 60606  
 312.242.8100 TEL  
 312.242.8101 FAX  
 info@interiorinvestments.com  
 Creating financially responsive office environments



**BASIS OF DESIGN: HERMAN MILLER CANVAS COLLECTION**

11" FROSTED GLASS



**Shown:**

- 68"H Powered Panels
- 53"H Non-Powered Panels
- 30 x 66 Laminite Height Adjustable Table
- 24 x 72 Laminite Worksurface
- 24 x 36 Laminite Worksurface
- 36" Metal Lateral File
- Mobile B/F w/ cushion
- 11" Frosted Glass
- (3) Open Overhead Storage Cabinet
- (2) Receptacles
- Baseline Power

\* THESE DOCUMENTS HAVE BEEN RECEIVED AND CHECKED FOR ACCURACY REGARDING CONFIGURATION AND PLACEMENT OF FURNITURE.

APPROVED BY:

DATE:

**MULLER + MULLER**

DRAWING NAME: Manager - TYPICAL

DATE: 6.13.2018

PLOT DATE/ FILE NAME: 9/6/2018 4:14 PM  
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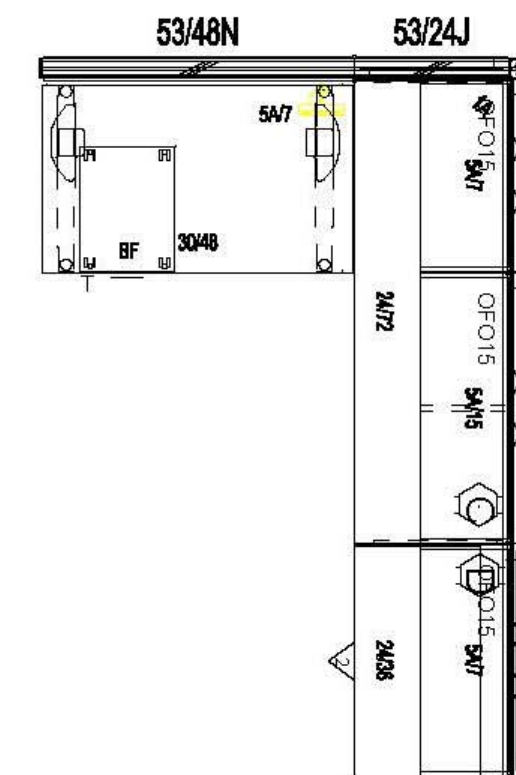
SCALE: N.T.S.

REVISIONS:

DRAWN BY: BDS

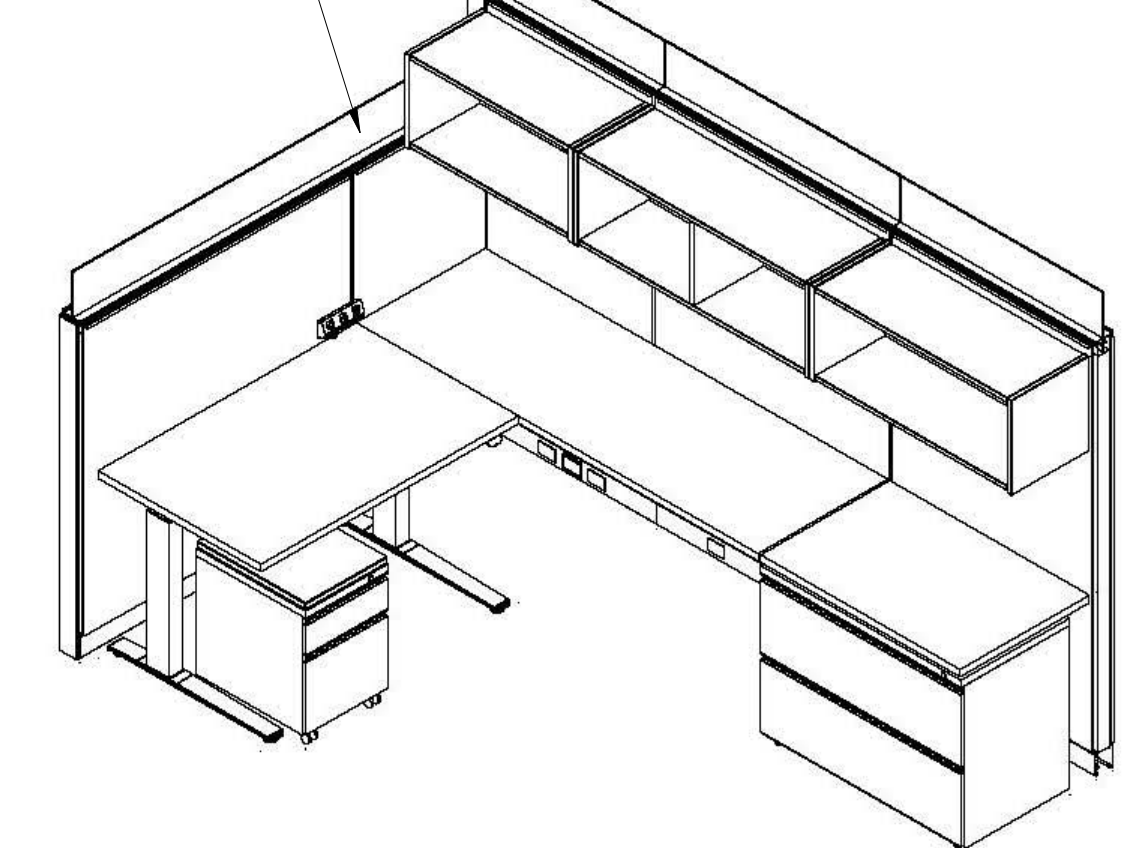
SALES: NM

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**BASIS OF DESIGN: HERMAN MILLER CANVAS COLLECTION**

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- (2) Receptacles
- Baseline Power

\* THESE DOCUMENTS HAVE BEEN RECEIVED AND CHECKED FOR ACCURACY REGARDING CONFIGURATION AND PLACEMENT OF FURNITURE.

APPROVED BY:

DATE:

**MULLER + MULLER**

DRAWING NAME: WS - TYPICAL

DATE: 6.13.2018

PLOT DATE/ FILE NAME: 9/6/2018 4:15 PM  
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SCALE: N.T.S.

REVISIONS:

DRAWN BY: BDS

SALES: NM

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2	ISSUED FOR 100% DESIGN	09/17/2018

**FURNITURE TYPICAL WORKSTATIONS**

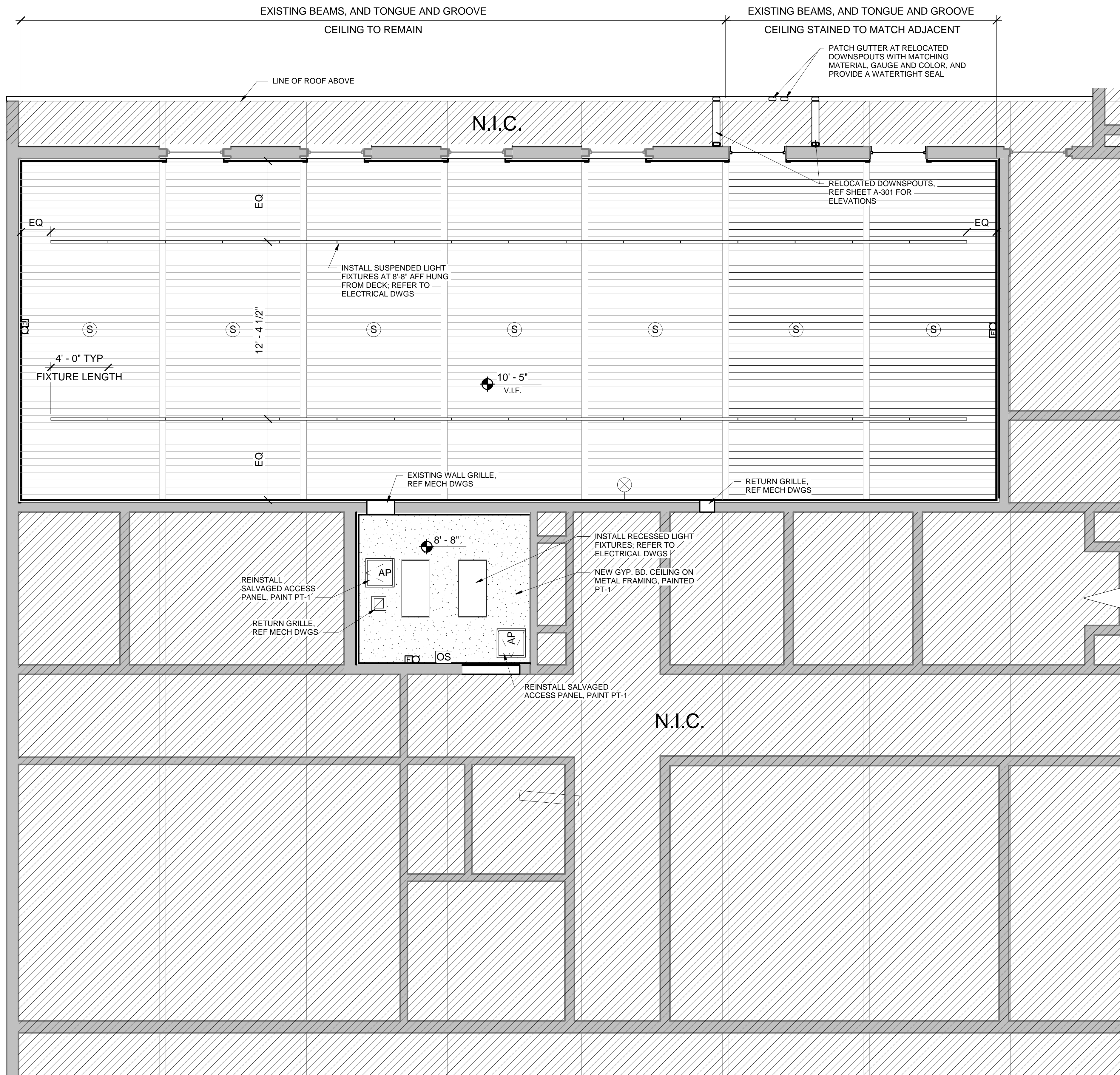
DRAWN: V.WIEGAND  
 CHECKED: K.KORAB  
 DESIGNED: V.WIEGAND  
 JOB NO: 18-1006

SHEET NO.  
**A-703**



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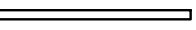




9/27/2018 4:52:09 PM



**RCP NOTES**

1. MATERIAL FINISH LEGEND, SEE SHEET A-701.
2. LIGHTING FIXTURES; REF ELECTRICAL DWGS.
3. ALL CEILING FIXTURES AND DEVICES TO BE CENTERED IN CEILING AND/OR ALIGNED WITH ARCHITECTURAL ELEMENTS UNLESS NOTED OTHERWISE.
4. REFERENCE ELEC DWGS FOR ADDITIONAL LIGHT FIXTURE INFO.
5. ANY CEILING MOUNTED LIGHTING OR DEVICES MAY BE SUSPENDED FROM WOOD DECK BUT FASTENERS SHALL NOT PENETRATE FULLY THROUGH THE DECK.

**RCP LEGEND**

-  2x4 LAY-IN LIGHT FIXTURE; REF ELEC DWGS
-  PENDANT LIGHT FIXTURE; REF ELEC DWGS
-  EXIT SIGN (WALL MTD); REF ELEC DWGS
-  OCCUPANCY SENSOR; REF ELEC DWGS
-  SMOKE DETECTOR; REF ELEC DWGS
-  FIRE ALARM HORN/STROBE; REF ELEC DWGS



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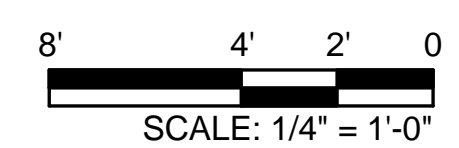
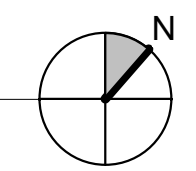
No.	Description	Date
1	ISSUED FOR 10% DESIGN	05/08/2018
2	ISSUED FOR 30% DESIGN	07/23/2018
3	ISSUED FOR 100% DESIGN	09/17/2018

**FIRST FLOOR REFLECTED CEILING PLAN**

DRAWN: V.WIEGAND  
CHECKED: K.KORAB  
DESIGNED: V.WIEGAND  
JOB NO: 18-1006

SHEET NO:  
**A-801**

**1 FIRST FLOOR REFLECTED CEILING PLAN**  
1/4" = 1'-0"





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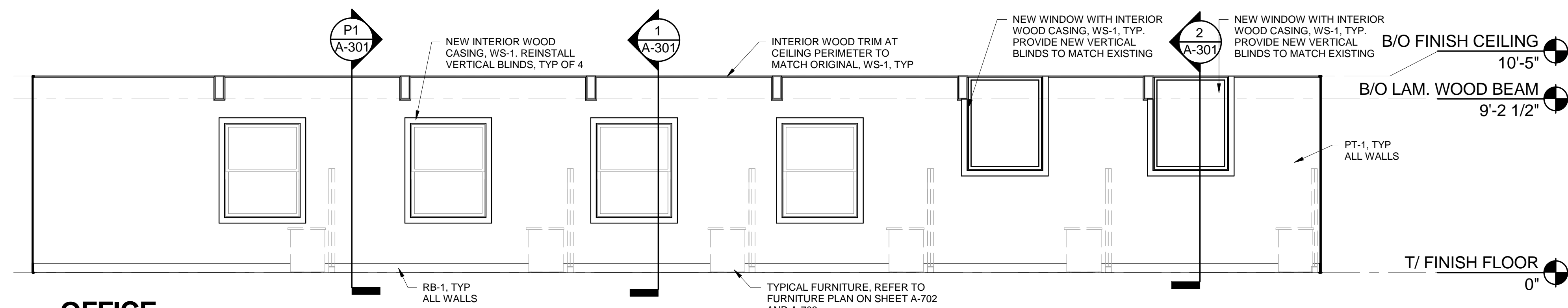
Professional Seals

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CONSTRUCTION**

No.	Description	Date
1	ISSUED FOR 30% DESIGN	07/23/2018
2	ISSUED FOR 100% DESIGN	09/17/2018

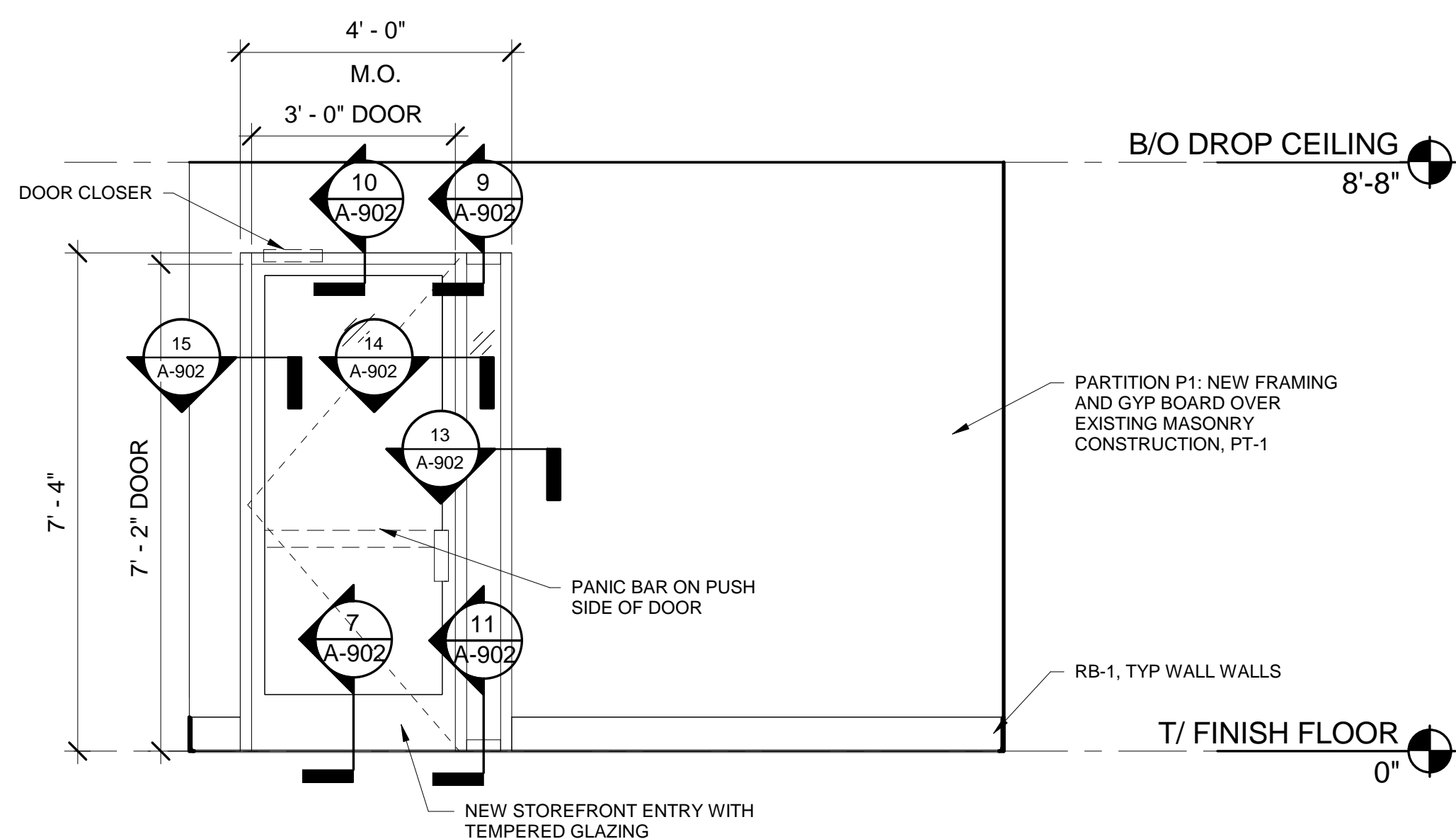
**INTERIOR ELEVATIONS**

DRAWN: V.WIEGAND  
CHECKED: K.KORAB  
DESIGNED: V.WIEGAND  
JOB NO: 18-1006  
SHEET NO:  
**A-900**



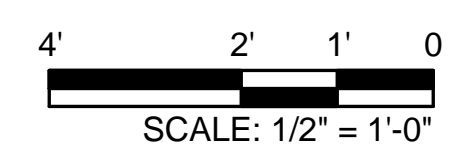
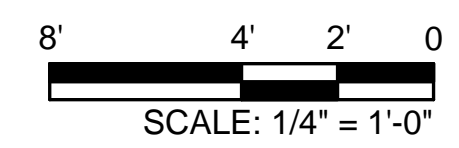
**OFFICE  
INTERIOR ELEVATION**

1  
1/4" = 1'-0"



**BREAK-OUT SPACE  
INTERIOR ELEVATION**

2  
1/2" = 1'-0"



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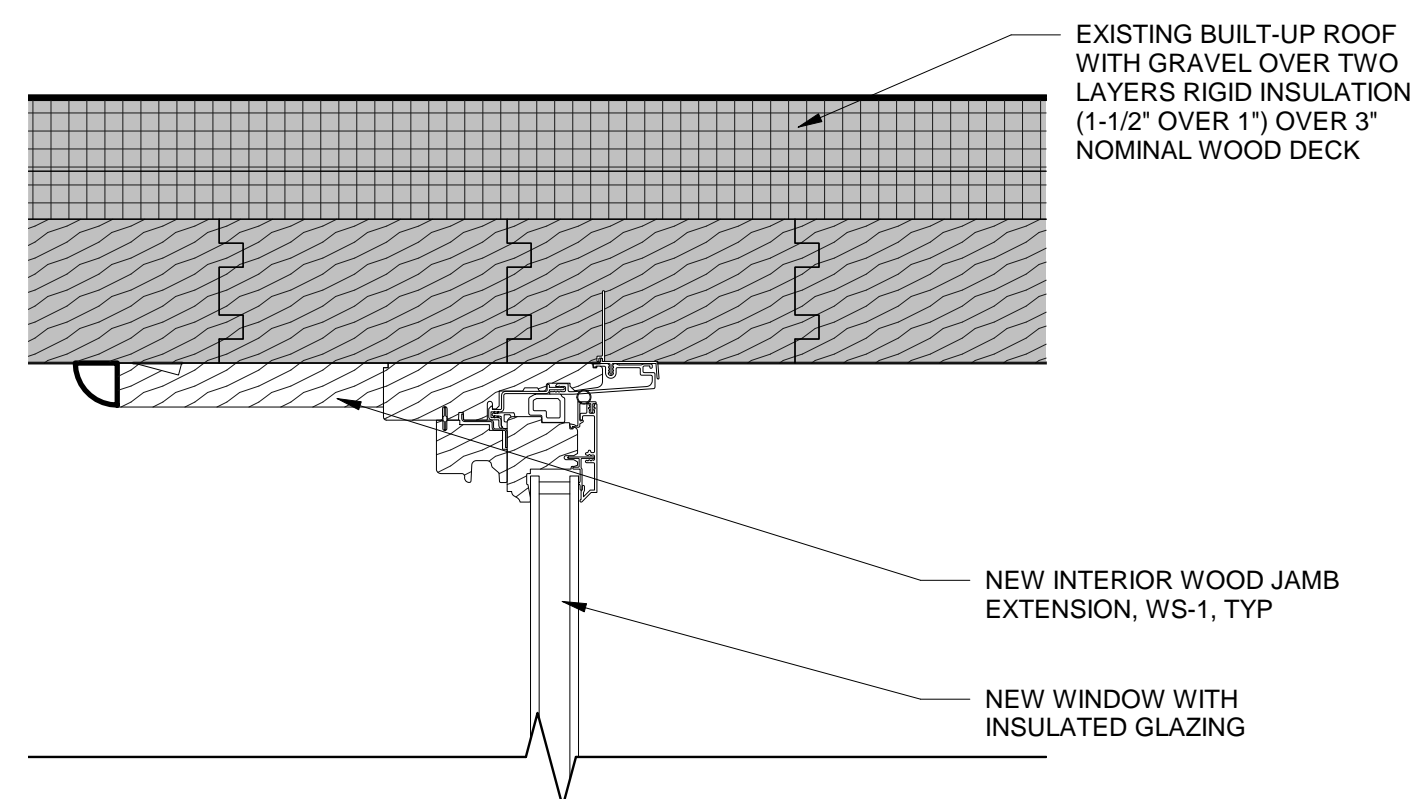
**NOT FOR  
 CONSTRUCTION**

No.	Description	Date
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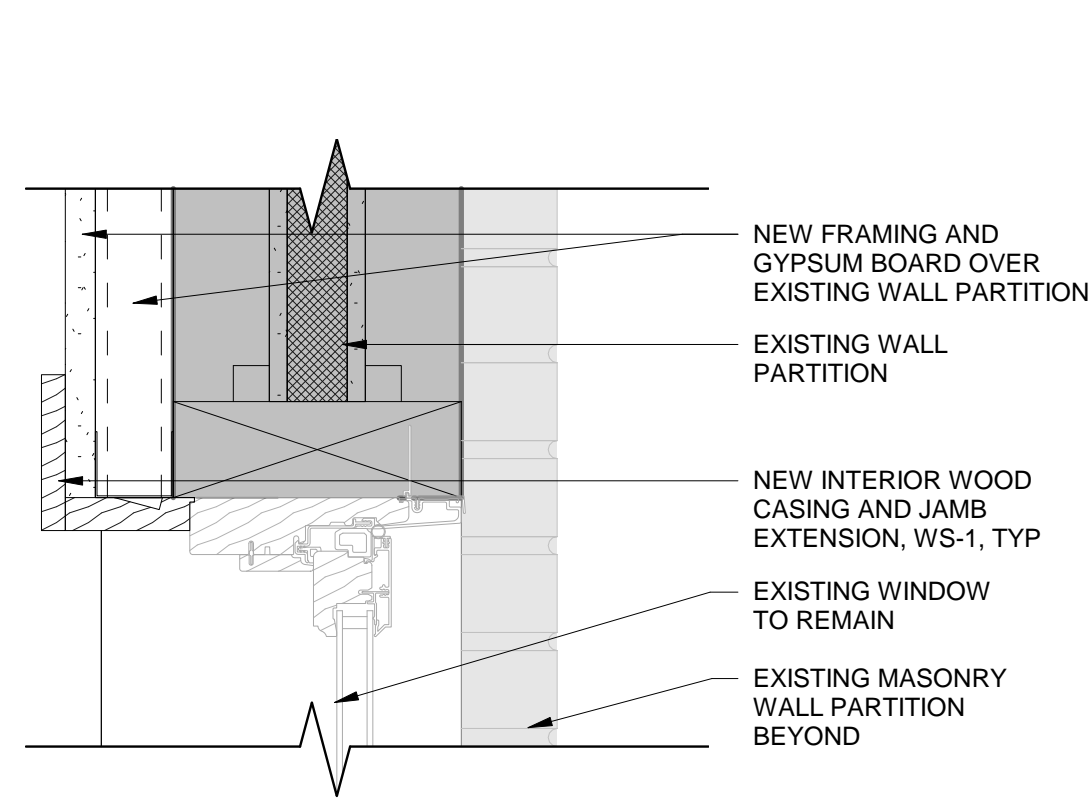
**WINDOW AND DOOR  
 DETAILS**

DRAWN: V.WIEGAND  
 CHECKED: K.KORAB  
 DESIGNED: V.WIEGAND  
 JOB NO: 18-1006

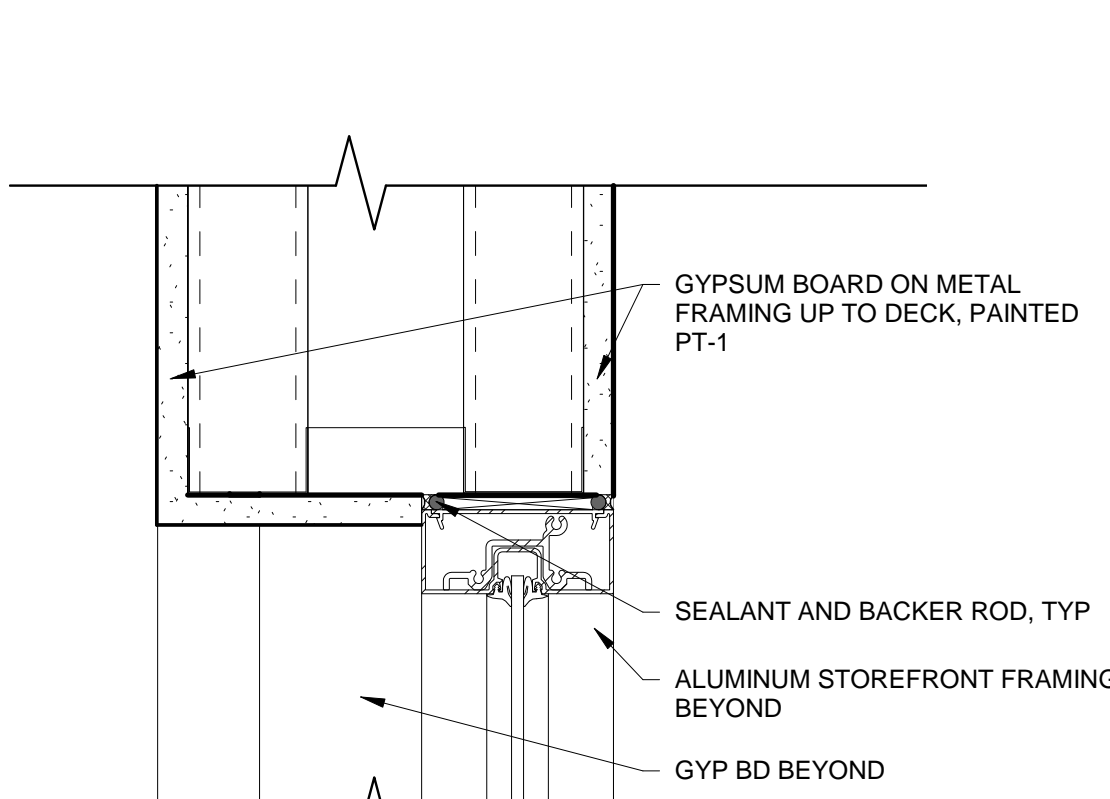
SHEET NO:  
**A-902**



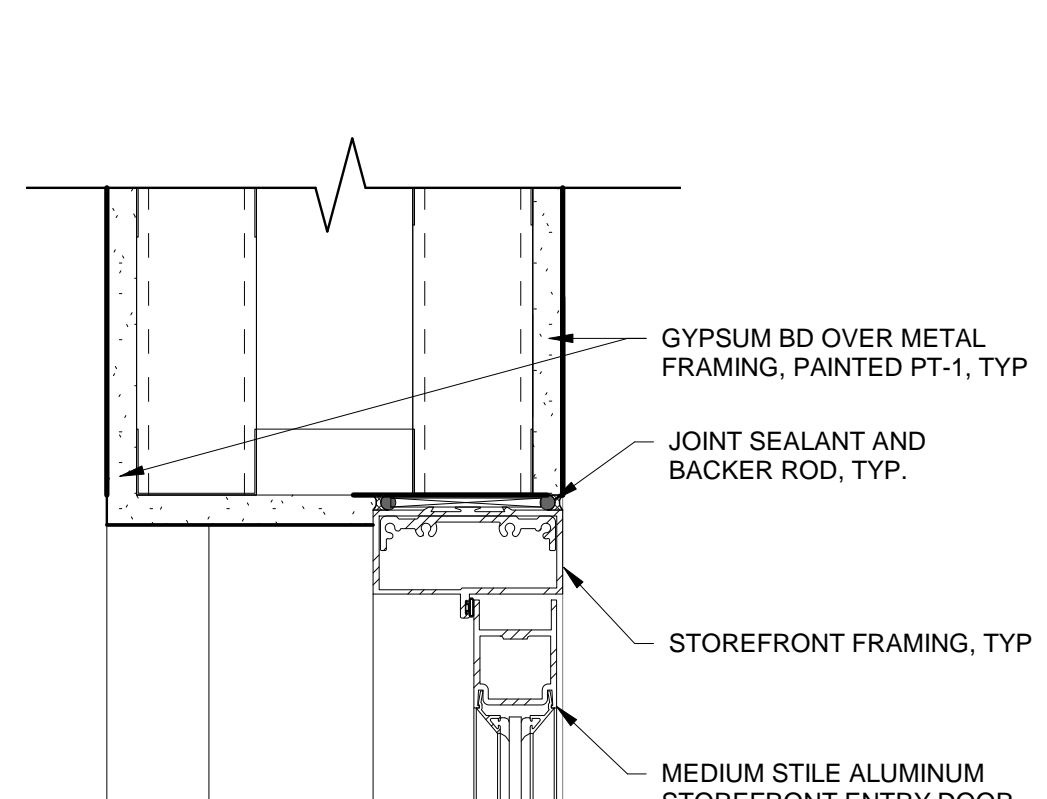
**1**  
 NEW WINDOW HEAD DETAIL  
 3" = 1'-0"



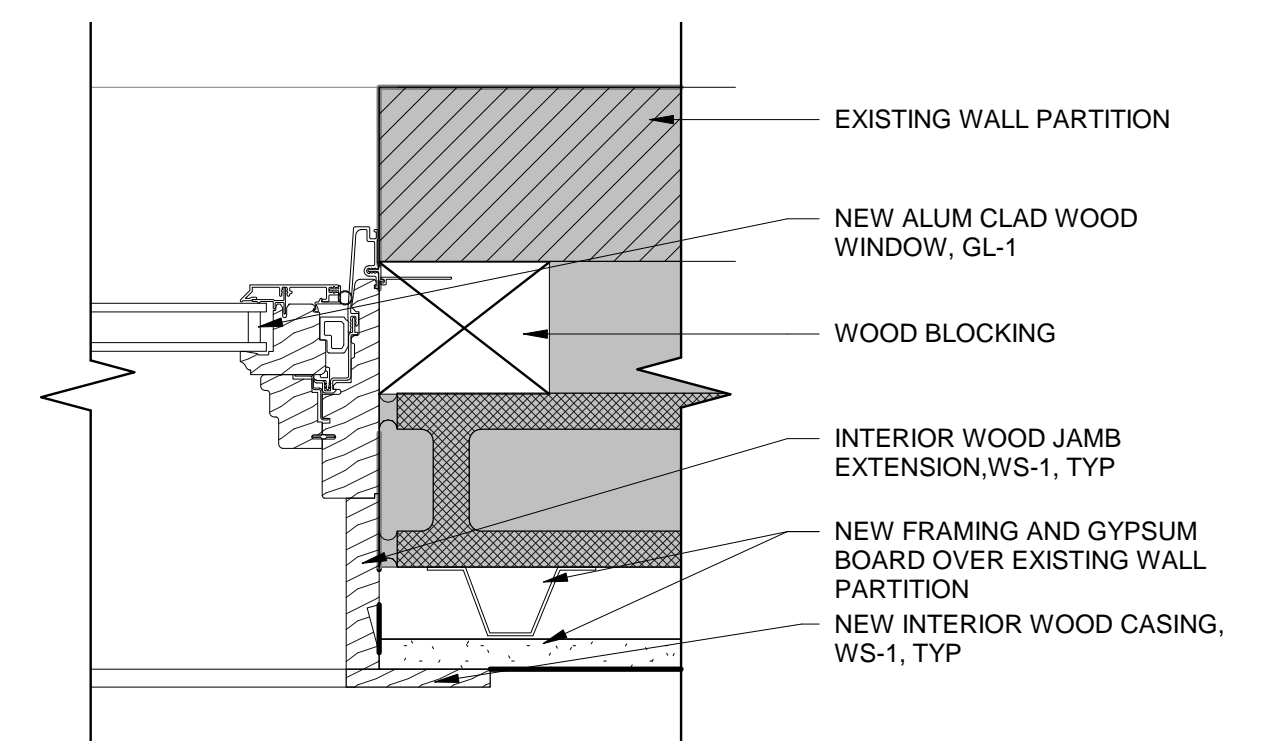
**4**  
 EXISTING WINDOW HEAD DETAIL  
 3" = 1'-0"



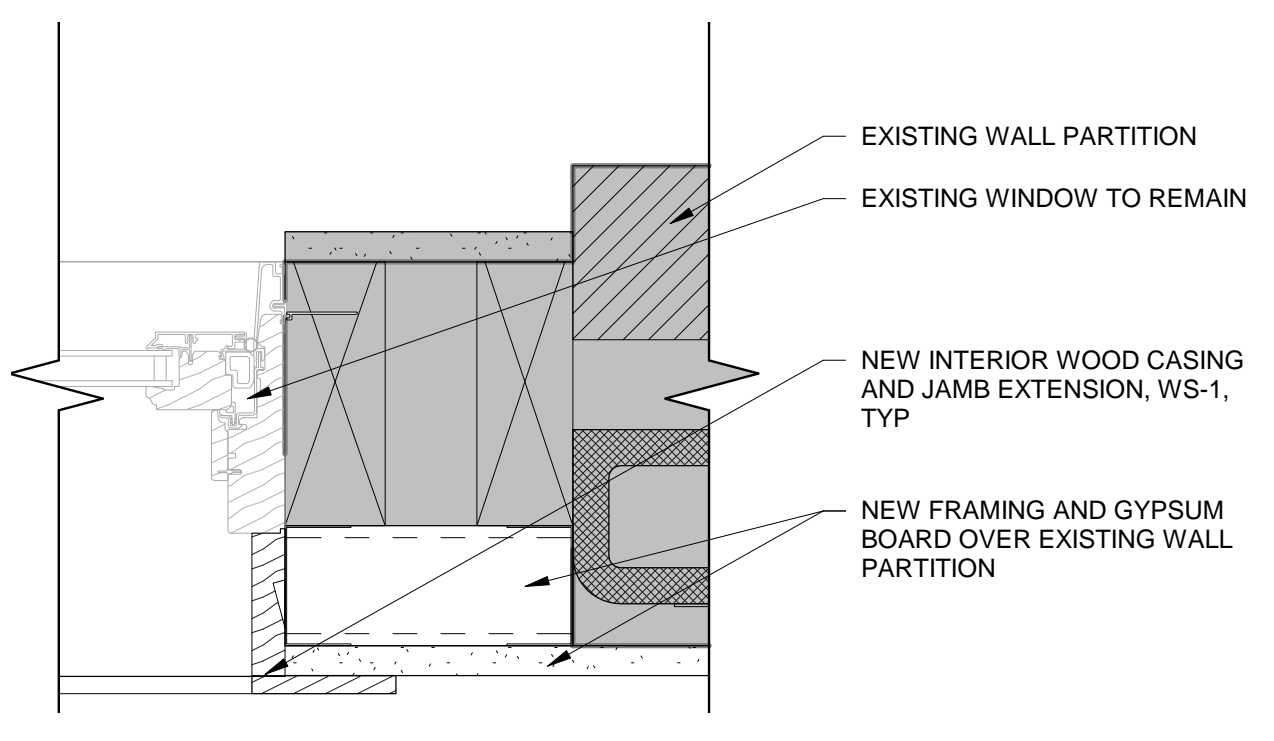
**9**  
 STOREFRONT HEAD DETAIL  
 3" = 1'-0"



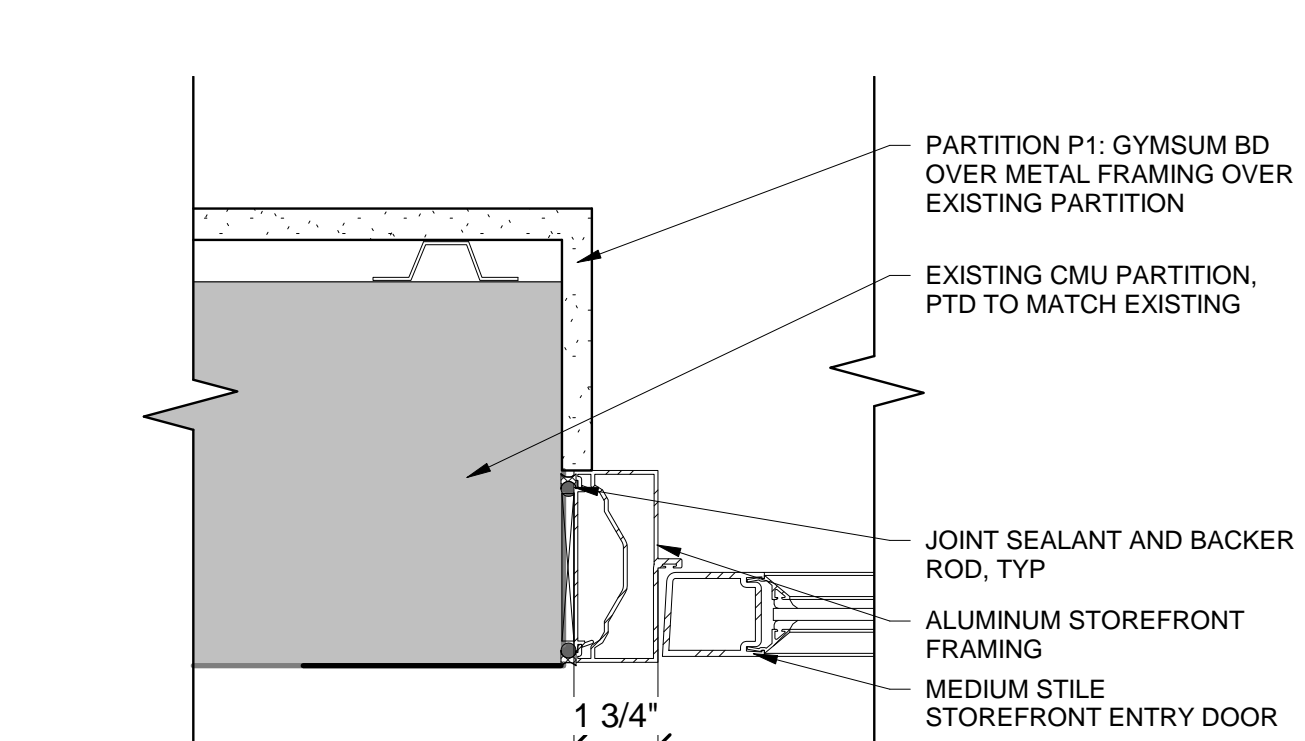
**10**  
 Section 6  
 3" = 1'-0"



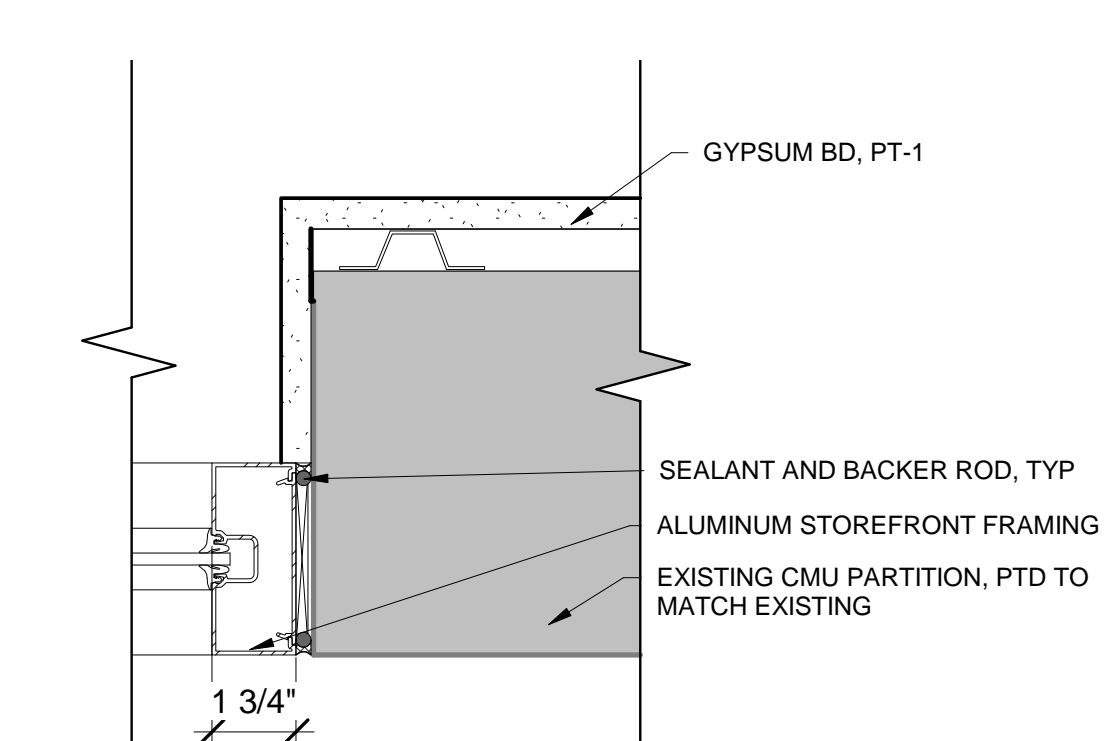
**2**  
 NEW WINDOW JAMB DETAIL  
 3" = 1'-0"



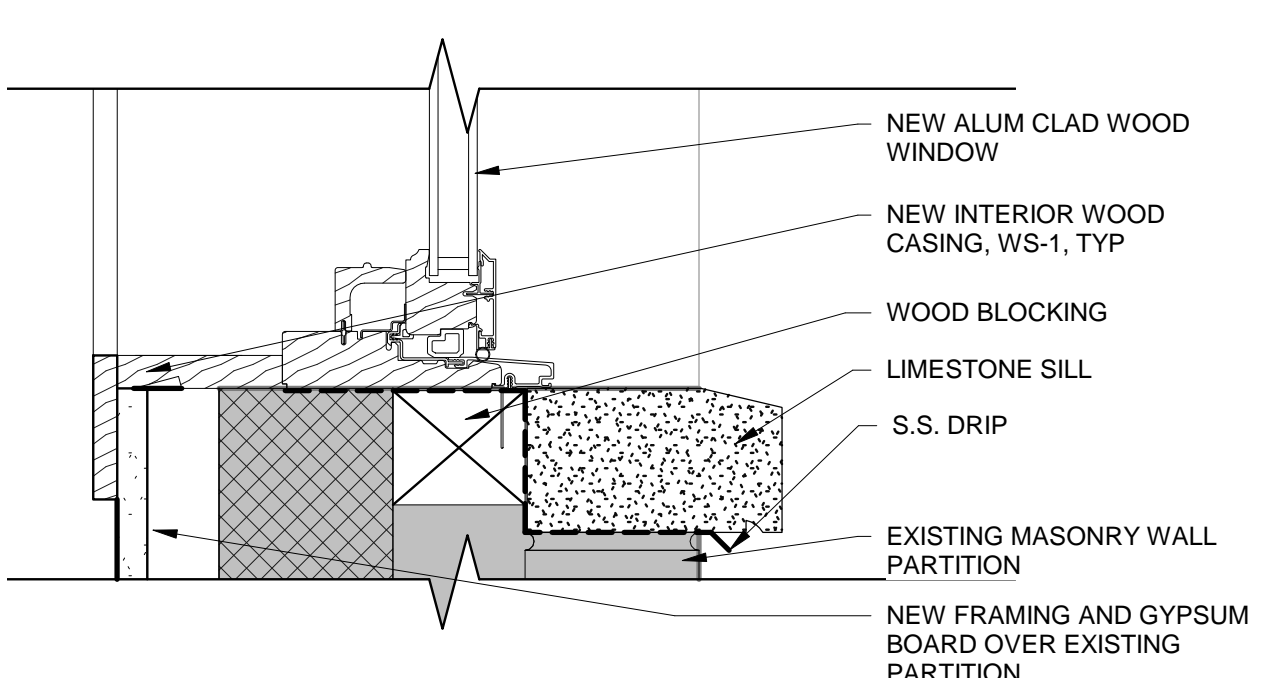
**5**  
 EXISTING WINDOW JAMB DETAIL  
 3" = 1'-0"



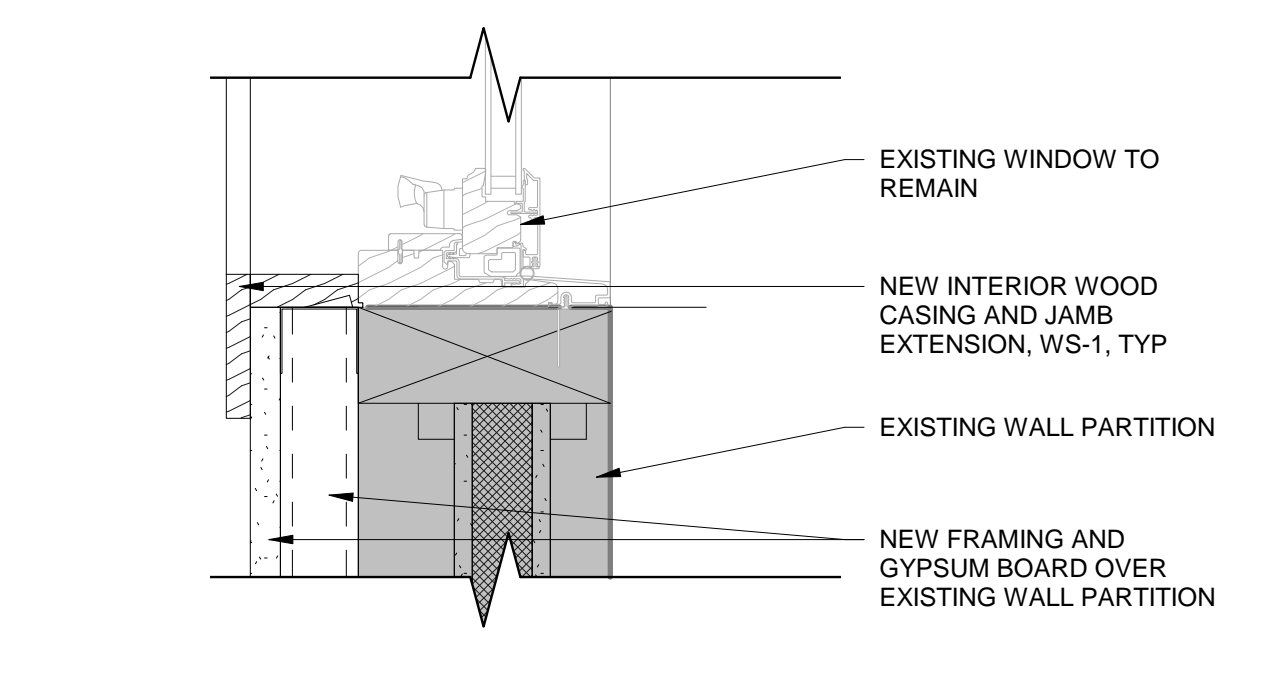
**13**  
 STOREFRONT JAMB DETAIL  
 3" = 1'-0"



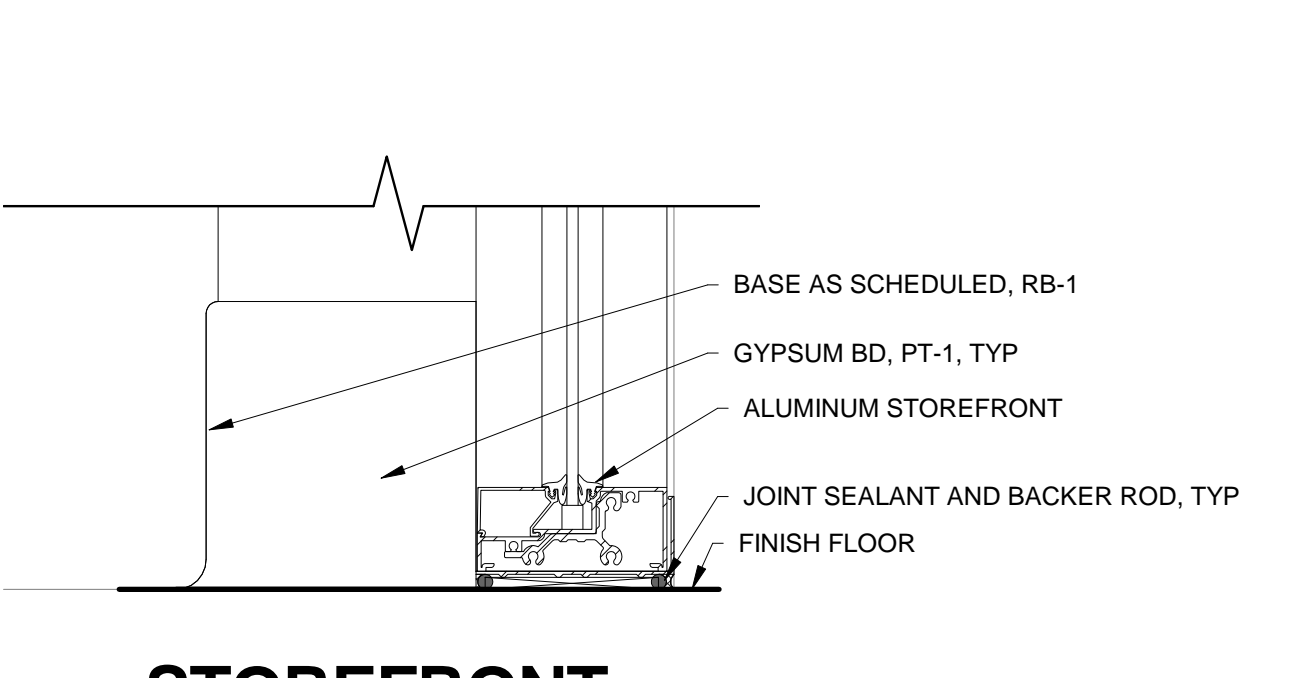
**15**  
 STOREFRONT DOOR JAMB DETAIL  
 3" = 1'-0"



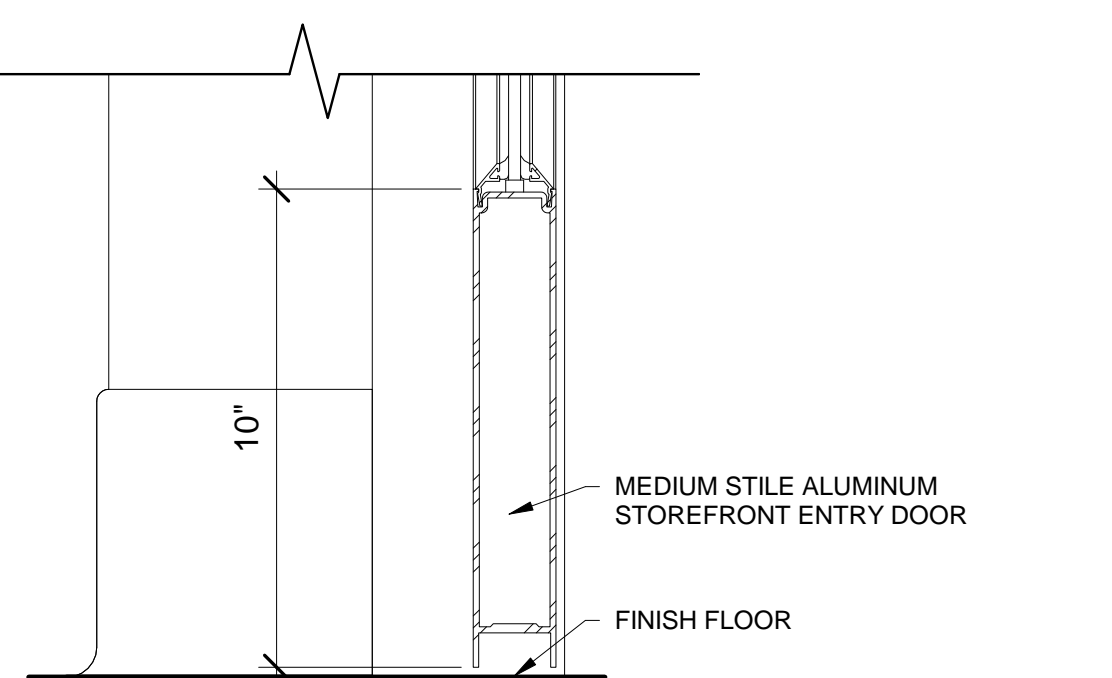
**3**  
 NEW WINDOW SILL DETAIL  
 3" = 1'-0"



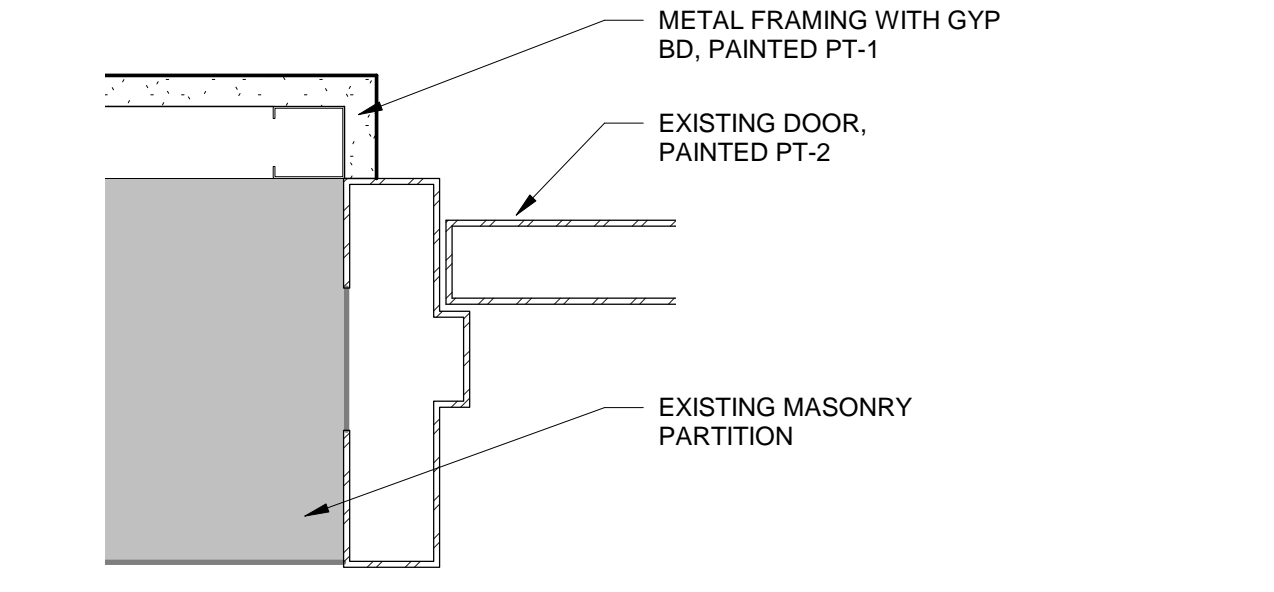
**6**  
 EXISTING WINDOW SILL DETAIL  
 3" = 1'-0"



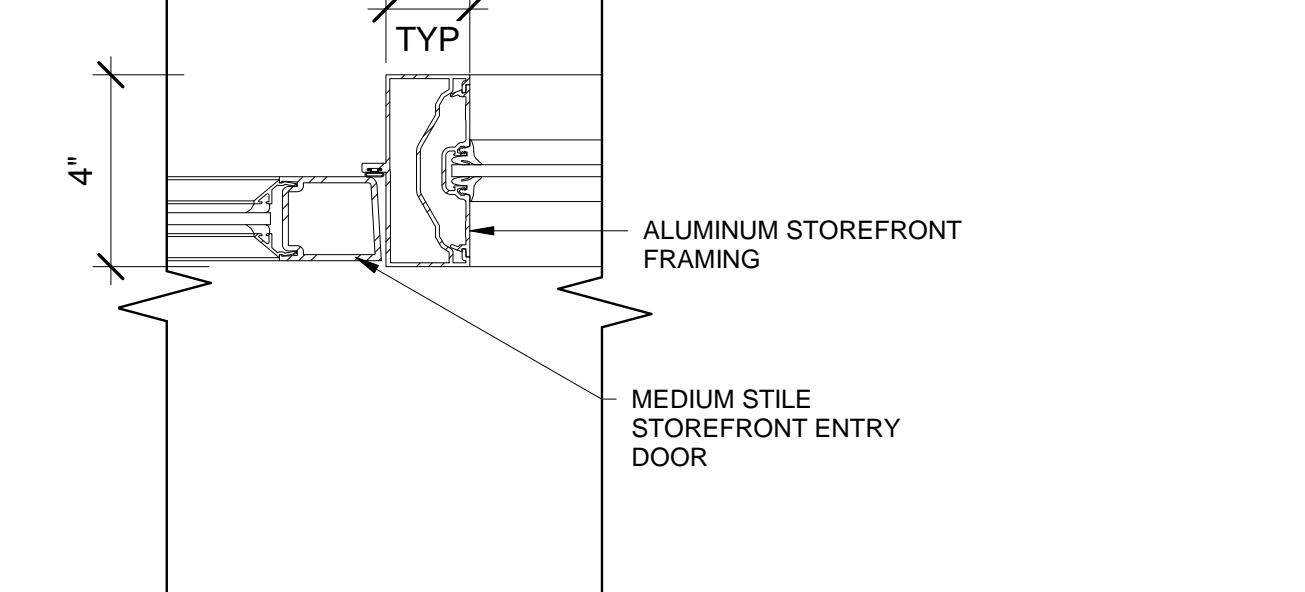
**11**  
 STOREFRONT SILL DETAIL  
 3" = 1'-0"



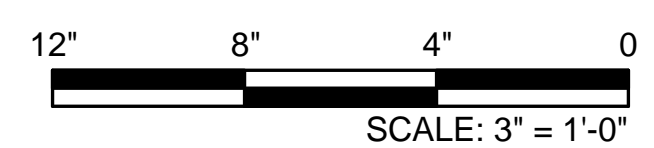
**7**  
 STOREFRONT DOOR SILL DETAIL  
 3" = 1'-0"



**8**  
 EXISTING DOOR JAMB DETAIL  
 3" = 1'-0"



**14**  
 STOREFRONT CENTER JAMB DETAIL  
 3" = 1'-0"





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41W011 BURLINGTON ROAD  
 CAMPBTON HILLS, IL 60175

Professional Seals

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1	ISSUED FOR 10% DESIGN	05/08/2018
2	ISSUED FOR 30% DESIGN	07/23/2018
3	ISSUED FOR 100% DESIGN	09/12/2018

**FIRST FLOOR LIGHTING  
 DEMOLITION**

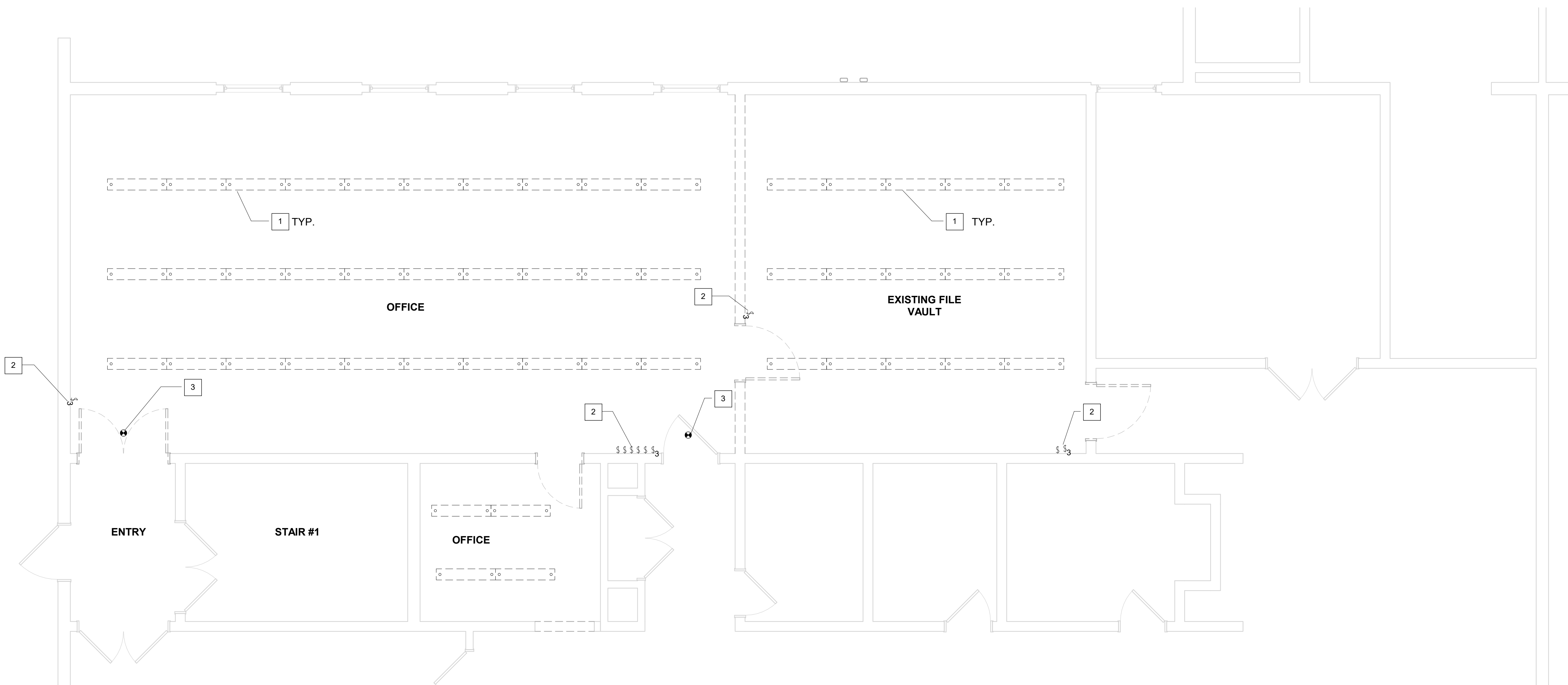
DRAWN: PLZ	SHEET NO.
CHECKED: NTP	<b>E100</b>
DESIGNED: PLZ	
JOB NO: M1600010	

**GENERAL NOTES**

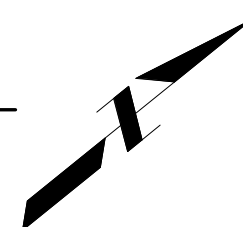
- SEE SHEET E200 FOR THE NEW LIGHTING PLAN.

**KEYNOTES (THIS SHEET)**

- REMOVE AND DISPOSE OF EXISTING PENDANT HUNG FLUORESCENT LIGHT FIXTURES, LAMPS, STRUT SUPPORTS, CONDUITS AND CONDUCTORS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DISPOSAL AND RECYCLING COSTS. REMOVE EXISTING LIGHTING CONDUCTORS. EXISTING CONCEALED CONDUITS SHALL BE ABANDONED IN PLACE. EXISTING CEILING JUNCTION BOXES MAY BE REUSED FOR SUPPORT POINTS ONLY. PROVIDE CANOPY COVERS, ARLINGTON #CP3540 OR EQUAL, AT ABANDONED JUNCTION BOXES.
- REMOVE AND DISPOSE OF EXISTING LIGHT SWITCHES, BOXES, CONDUITS AND WIRING. CONCEALED CONDUITS SHALL BE ABANDONED IN PLACE.
- REMOVE AND DISPOSE OF EXISTING EXIT FIXTURES.



**FIRST FLOOR LIGHTING DEMOLITION**





**GENERAL NOTES**

- SEE SHEET E100 FOR THE EXISTING LIGHTNG DEMOLITION PLAN.
- ALL SURFACE RACEWAY SHALL BE IVORY WIREMOLD 500 OR EQUAL.

**KEYNOTES (THIS SHEET)**

- PROVIDE NEW CABLE HUNG LIGHT FIXTURES. MOUNT FIXTURES 8'-8" ABOVE FINISHED FLOOR TO BOTTOM OF FIXTURE. SEE FIXTURE SCHEDULE. PROVIDE NEW FEED POINTS AT THE PLAN EAST END OF EACH RUN. PROVIDE NEW CONDUIT AND WIRE TO THE NEW SWITCHES INDICATED BELOW. ALL POWER AND CONTROL CABLING SHALL BE INSTALLED IN CONDUIT. NO FREE AIR CABLING SHALL BE ALLOWED. CONCEAL AS MUCH CONDUIT AS POSSIBLE IN THE NEW 1-1/2" STUD WALLS. PROVIDE SURFACE RACEWAY ROUTED ALONG THE EXPOSED BEAMS FROM THE PLAN SOUTH WALL TO THE FIXTURE FEED POINTS. NEW SURFACE RACEWAY AT THE BEAM SHALL BE MOUNTED MINIMUM 1-1/2" BELOW THE CEILING DECK IN ACCORDANCE WITH NEC 300.4(E). PROVIDE JUNCTION BOX WITH FLEXIBLE WHIP TO FIXTURE AT BEAM.
- PROVIDE NEW COMBINATION SWITCH/DIMMERS FOR CONTROL OF NEW LIGHTING AS FOLLOWS:
  - (2) LUTRON #DVSTV-WH OR EQUAL SINGLE POLE SWITCH WITH 0-10V SLIDE DIMMER NEAR DOOR FOR CONTROL OF THE FIRST ROW OF LIGHT FIXTURES INSIDE THE DOOR.
  - (2) LUTRON #DVSTV-WH OR EQUAL SINGLE POLE SWITCH WITH 0-10V SLIDE DIMMER ADJACENT TO PART A DIMMER FOR CONTROL OF THE ROW OF LIGHT FIXTURES CLOSEST TO THE WINDOW.
- PROVIDE NEW RECESSED LIGHT FIXTURES. SEE FIXTURE SCHEDULE.
- PROVIDE NEW EXIT FIXTURE. SEE FIXTURE SCHEDULE.
- PROVIDE NEW WALL MOUNT OCCUPANCY SENSOR WITH DIMMER, LUTRON #MS-Z101-V-WH OR EQUAL.
- BATTERY BACKED UP SECTION OF LIGHT FIXTURE. PROVIDE WIRING PER MANUFACTURERS INSTRUCTIONS.



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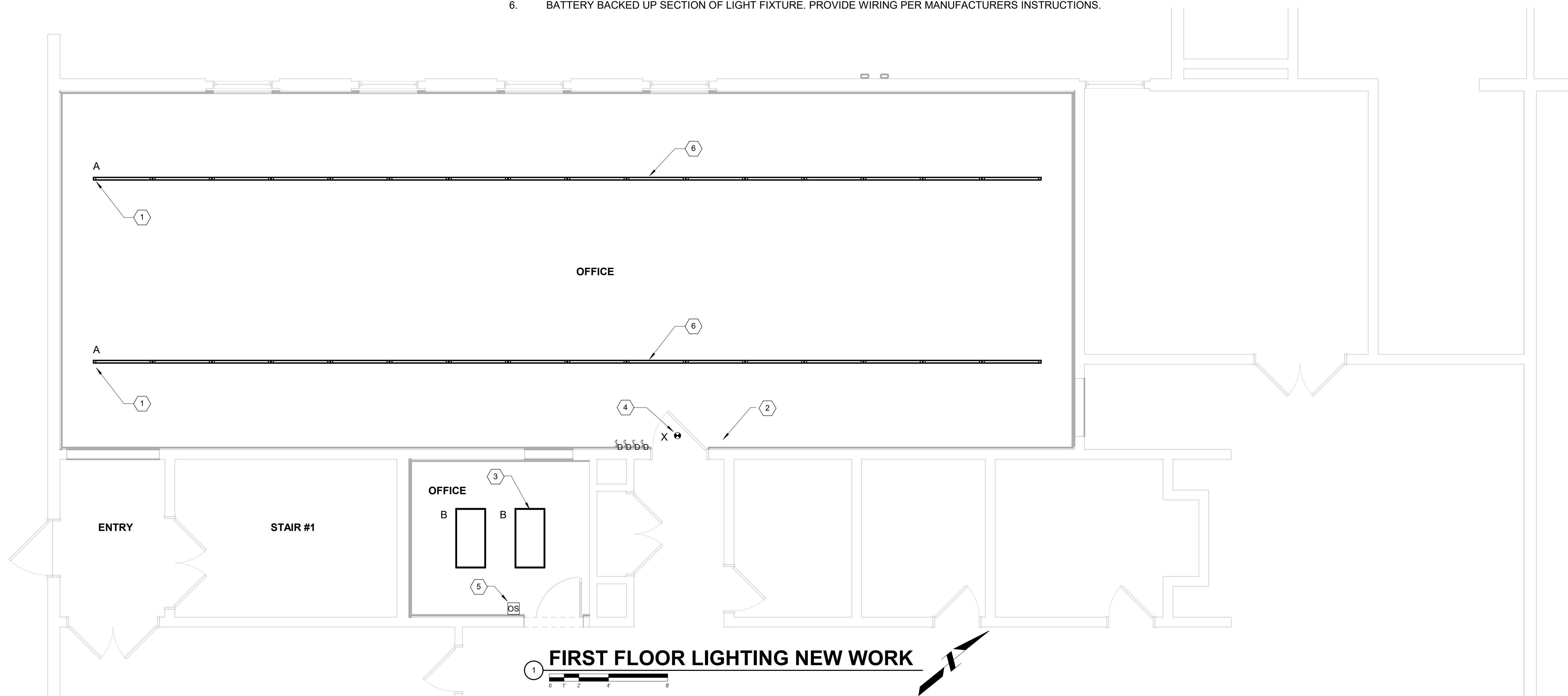
**KANE COUNTY DEPARTMENT OF TRANSPORTATION (KDOT) OFFICE RENOVATION**

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No.	Description	Date
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**LIGHTING FIXTURE SCHEDULE**

LUMINAIRE		LAMPS			BALLASTS			MOUNT	DESCRIPTION	NOTES		
TYPE	MANUFACTURER	CATALOG NUMBER	TYPE	CATALOG #	NO.	WATTS/LAMP	TYPE				NO.	VOLT
A	FINELITE	FP-2ID-64"-S-H-835-TG-F-96LG-120V-DC-FA-FE-C4	LED	NA	-	27 WATTS	DIMMING DRIVER	-	120V	RECESSED	2" APERTURE DIRECT/INDIRECT LINEAR PENDANT FIXTURE LED SEPARATE DIMMABLE CONTROL FOR DOWNLIGHT AND UPLIGHT	1
B	FINELITE	HPR-LED-F-2X4-DCO-S-835-120V-SC-C1	LED	NA	-	27 WATTS	DIMMING DRIVER	-	120V	RECESSED	2'X4' RECESSED GRID CEILING LED HIGH PERFORMANCE FLAT LENS DIMMABLE	
X	SURELITES	APX7R	LED	NA	-	.99 WATTS	STANDARD DRIVER	-	120V	WALL	WHITE PLASTIC EXIT SIGN WITH RED LETTERS LED	

ABBREVIATIONS:

F - FLUORESCENT	E - ELECTRONIC HIGH FREQUENCY	WU - WITH UNIT
I - INCANDESCENT	S - STANDARD ENERGY-SAVING MAGNETIC	EX - EXISTING
H - HIGH INTENSITY DISCHARGE	O - OTHER (SEE NOTES)	NA - NOT AVAILABLE
EOL - END OF LIFE PROTECTION	SCWA - SUPER CONSTANT WATTAGE AUTO TRANSFORMER	EP - ELECTRONIC PROGRAMMED RAPID START
PS - PULSE START	L - LED	UNV - UNIVERSAL VOLTAGE 120/277

- NOTES:
- REFER TO LIGHTING PLAN FOR MOUNTING HEIGHT.

**FIRST FLOOR LIGHTING PLANS**

DRAWN: PLZ  
CHECKED: NTP  
DESIGNED: PLZ  
JOB NO: M1600010

SHEET NO.  
**E200**



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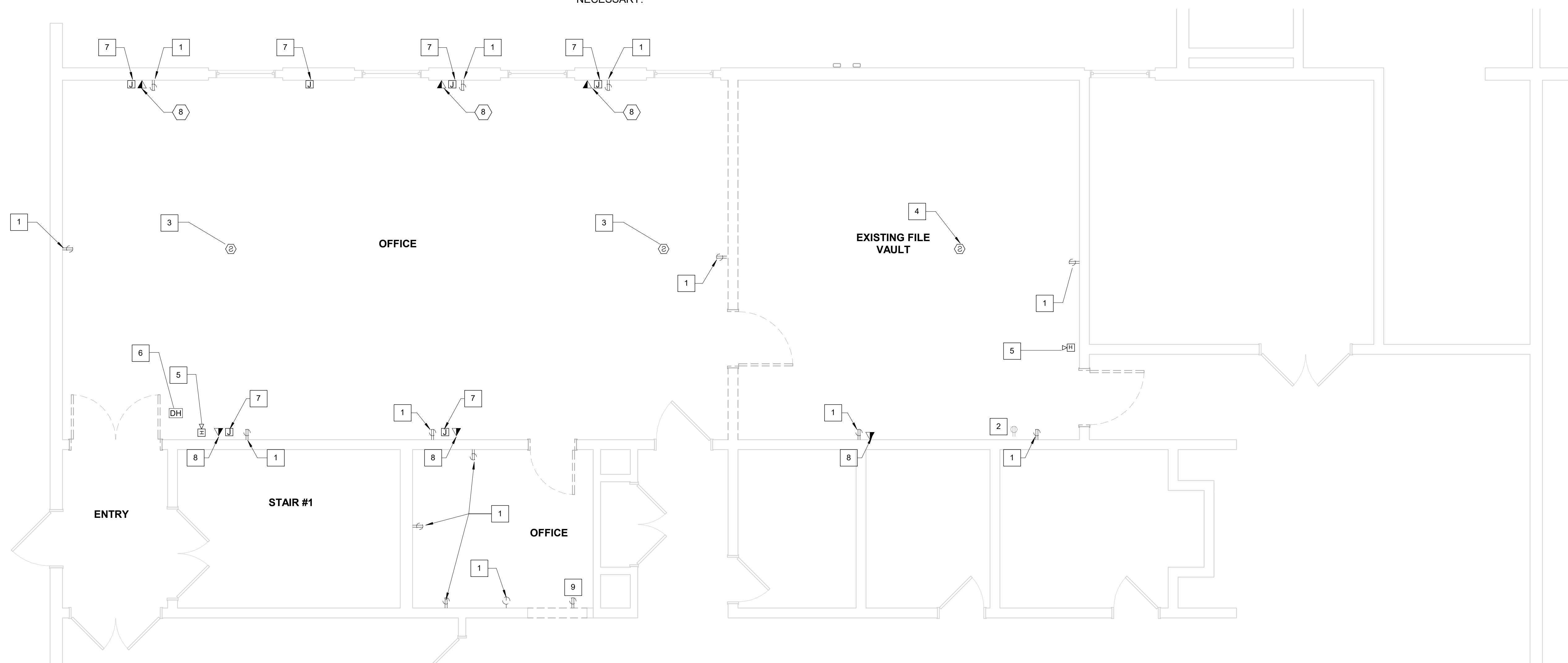
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**GENERAL NOTES**

- SEE SHEET E-401 FOR FIRST FLOOR POWER AND SYSTEMS NEW WORK PLAN.

**KEYNOTES (THIS SHEET)**

- REMOVE EXISTING RECEPTACLE RECESSED IN BLOCK WALL AND WIRING AS FOLLOWS:
  - REMOVE WIRE BACK TO SOURCE IF ALL RECEPTACLES ON THE CIRCUIT ARE REMOVED. REMOVE ASSOCIATED CONDUIT AND BOXES.
  - REMOVE WIRE BACK TO NEAREST JUNCTION BOX IF CIRCUIT SERVES RECEPTACLES TO REMAIN. REMOVE ASSOCIATED CONDUIT AND BOXES.
  - IN THE EVENT THAT THE CIRCUIT EXTENDS TO OTHER RECEPTACLES THROUGH THE RECEPTACLE JUNCTION BOX, PROVIDE SPLICES AS REQUIRED TO MAINTAIN EXISTING TO REMAIN RECEPTACLES. PROVIDE BLANK COVER AT BOX TO REMAIN.
- EXISTING RECEPTACLE SERVING BUILDING AUDIO SYSTEM. AUDIO SYSTEM AND SHELF TO REMAIN. REMOVE EXISTING SURFACE MOUNT RECEPTACLE. REMOVE EXISTING SURFACE MOUNT RACEWAY CONTAINING SPEAKER WIRING. PROTECT SPEAKER WIRING DURING CONSTRUCTION. REMOVE SHELF AND PROTECT FOR REUSE. AUDIO SYSTEM SHALL REMAIN IN SERVICE DURING CONSTRUCTION. PROVIDE TEMPORARY POWER AND TEMPORARY SUPPORTS AS REQUIRED TO MAINTAIN SYSTEM DURING CONSTRUCTION. PROVIDE PLASTIC SHEETING TO PROTECT EQUIPMENT FROM CONSTRUCTION DUST. PLASTIC SHEETING SHALL BE INSTALLED IN A MANNER THAT ALLOWS VENTILATION FOR EQUIPMENT. SEE SHEET E401 FOR ADDITIONAL INFORMATION.
- DISCONNECT EXISTING SMOKE DETECTOR. PROTECT AND STORE DETECTOR FOR REUSE. PROTECT EXISTING WIRING AND SURFACE MOUNT RACEWAY. PROVIDE CONNECTIONS TO MAINTAIN SYSTEM FUNCTIONALITY DURING CONSTRUCTION.
- DISCONNECT EXISTING SMOKE DETECTOR. REMOVE EXISTING WIRING AND SURFACE MOUNT RACEWAY TO ACCOMODATE CEILING REMOVAL. PROVIDE CONNECTIONS AND WIRING TO MAINTAIN SYSTEM FUNCTIONALITY DURING CONSTRUCTION.
- DISCONNECT EXISTING FIRE ALARM HORN. PROTECT AND STORE DEVICE FOR REUSE. REMOVE EXISTING WIRING AND SURFACE MOUNT RACEWAY. PROVIDE CONNECTIONS TO MAINTAIN SYSTEM FUNCTIONALITY DURING CONSTRUCTION.
- REMOVE EXISTING FLOOR MOUNTED MAGNETIC DOOR HOLD, CONDUIT AND WIRE BACK TO SOURCE.
- REMOVE EXISTING FLEXIBLE WHIP SERVING FURNITURE WALLS THROUGH THE FLOOR BACK TO JUNCTION BOX BELOW. CAP CIRCUITS AT JUNCTION BOX. MARK JUNCTION BOX WITH CIRCUIT NUMBER.
- REMOVE EXISTING SURFACE MOUNT DATA BOX AND CONDUIT FED THROUGH THE FLOOR. PULL EXISTING DATA CABLES BACK BELOW FLOOR, COIL AND SUPPORT AT THE CEILING BELOW. MARK CABLES WITH ANY IDENTIFIERS SHOWN ON DATA PLATE.
- REMOVE EXISTING RECEPTACLE AND RACEWAY TO ALLOW WALL REMOVAL. PROVIDE CONDUIT, CONDUCTORS, JUNCTION BOXES AND SPLICES AS REQUIRED TO MAINTAIN CIRCUIT IF NECESSARY.



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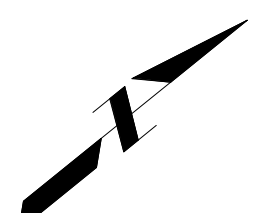
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**FIRST FLOOR POWER  
AND SYSTEMS  
DEMOLITION**

DRAWN: PLZ	SHEET NO.
CHECKED: NTP	<b>E300</b>
DESIGNED: PLZ	
JOB NO: M1600010	

**FIRST FLOOR POWER AND SYSTEMS DEMOLITION**





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**LOWER LEVEL  
ELECTRICAL POWER  
AND SYSTEMS**

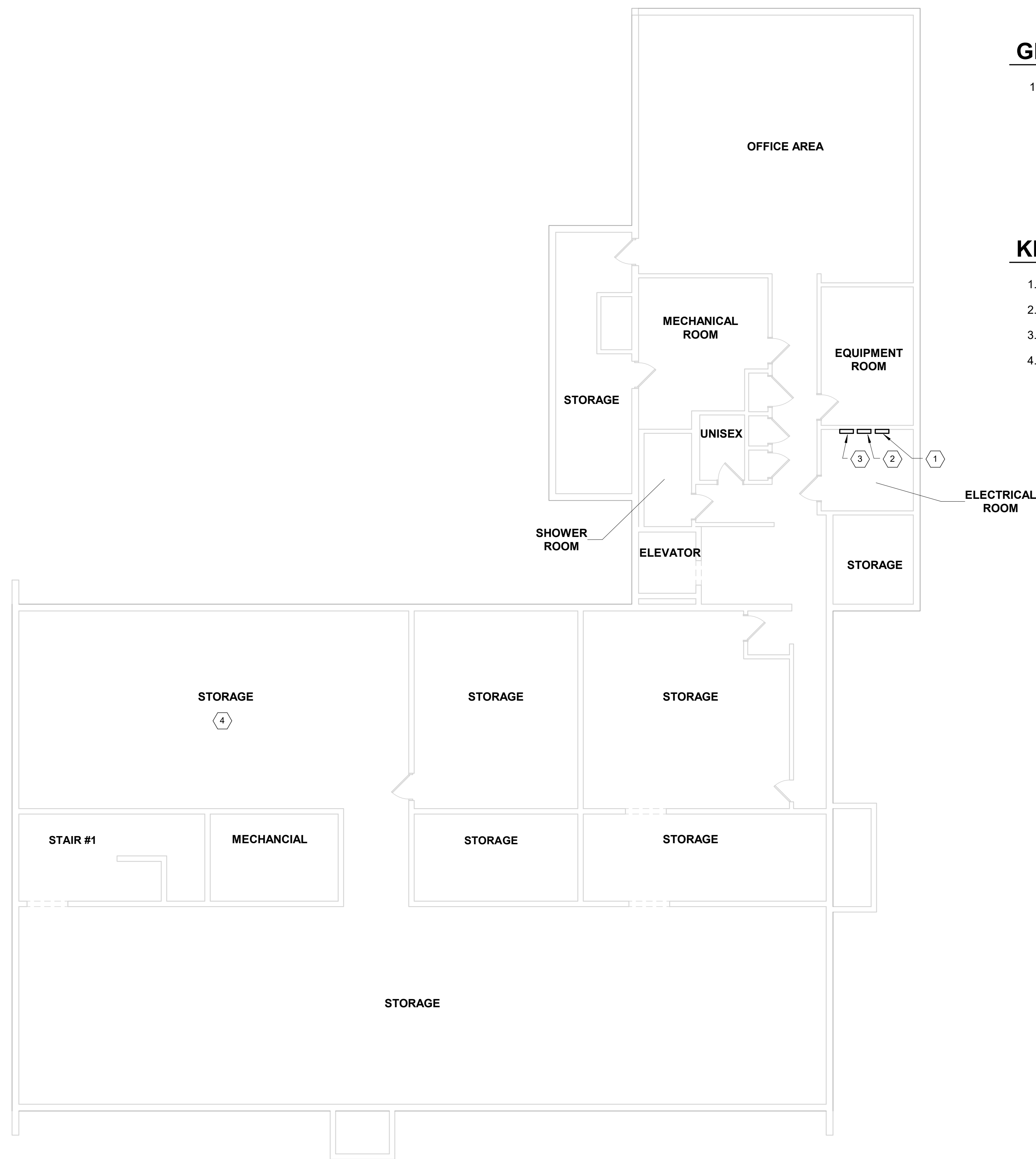
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CHECKED: NTP	<b>E400</b>
DESIGNED: PLZ	
JOB NO: M1600010	

**GENERAL NOTES**

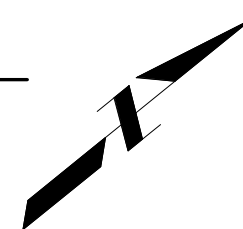
- SEE SHEET E-401 FOR FIRST FLOOR POWER AND SYSTEMS NEW WORK PLAN.

**KEYNOTES (THIS SHEET)**

- EXISTING PANEL MDP.
- EXISTING PANEL RPA.
- EXISTING PANEL RPIG.
- PROJECT AREA LOCATED ON FIRST FLOOR ABOVE THIS ROOM. STORAGE AREA HAS EXPOSED CEILING. ROUTE ALL NEW CONDUITS IN THIS EXPOSED CEILING AND UP THROUGH FLOOR TO LOCATIONS SHOWN.



**LOWER LEVEL POWER AND SYSTEMS NEW WORK**





# GENERAL NOTES

- SEE SHEET E-300 FOR FIRST FLOOR POWER AND SYSTEMS DEMOLITION PLAN.
- CIRCUIT NUMBERS ARE SHOWN TO INDICATE NUMBER OF CIRCUITS REQUIRED. EXISTING CIRCUITS MADE AVAILABLE DURING THE DEMOLITION PHASE MAY BE REUSED, PROVIDE NEW CIRCUITS FROM THE ELECTRICAL ROOM SHOWN ON SHEET E-400 FOR ADDITIONAL REQUIRED CIRCUITS. RECORD ACTUAL CIRCUIT NUMBERS ON AS BUILT DRAWINGS. UPDATE PANELBOARD DIRECTORIES.
- EXISTING FIRE ALARM SYSTEM IS A NOTIFIER FIRE ALARM SYSTEM SERVICED BY ALARM DETECTION SYSTEMS 630.844.6300. FIRE ALARM SYSTEM SHALL BE TESTED AND CERTIFIED BY A MANUFACTURERS REPRESENTATIVE. CERTIFICATION FEES SHALL BE INCLUDED IN THE BID FOR THIS WORK.
- ALL SURFACE RACEWAY SHALL BE IVORY WIREMOLD 500 OR EQUAL.
- ALL WALL MOUNTED DEVICES SHALL HAVE BOXES RECESSED IN THE FURRING WALL AND CONDUITS ROUTED DOWN THROUGH THE FLOOR TO THE EXPOSED CEILING BELOW.

# KEYNOTES (THIS SHEET)

- PROVIDE NEW JUNCTION BOX WITH FLEXIBLE WHIP CONNECTION TO POWERED FURNITURE PANELS. COORDINATE ROUGH IN LOCATION WITH FURNITURE SHOP DRAWINGS. JUNCTION BOX SHALL BE INSTALLED IN NEW 1-1/2" FURRING WALL AND CONDUIT SHALL BE ROUTED THROUGH FLOOR TO THE CEILING SPACE BELOW.
- PROVIDE NEW VOICE/DATA ROUGH IN CONSISTING OF 4" SQUARE BOX WITH 1" CONDUIT BEHIND FURRED WALLS STUBBED DOWN TO ACCESSIBLE CEILING SPACE BELOW. COORDINATE ROUGH IN LOCATION WITH FURNITURE SHOP DRAWINGS.
- REINSTALL EXISTING SMOKE DETECTORS AND PROVIDE NEW SMOKE DETECTORS AS REQUIRED TO PROVIDE COVERAGE SHOWN. PROVIDE SURFACE RACEWAY AND WIRE AS REQUIRED TO EXTEND EXISTING WIRING TO NEW LOCATION. SURFACE RACEWAY SHALL BE ROUTED NORTH TO SOUTH ALONG THE SIDE OF THE BEAMS MINIMUM 1-1/2" BELOW DECK UNTIL TRANSITIONING TO EACH SMOKE DETECTOR. SMOKE DETECTORS SHALL BE MOUNTED TO THE BOTTOM OF THE DECK CENTERED IN THE BEAM CAVITY.
- PROVIDE NEW FIRE ALARM HORN/STROBE. PROVIDE CONDUIT AND WIRE AS REQUIRED TO EXTEND EXISTING WIRING TO NEW LOCATION. CONDUIT AND WIRE SHALL BE ROUTED DOWN THROUGH THE FLOOR TO THE CEILING SPACE BELOW.
- PROVIDE RECEPTACLE FOR BUILDING AUDIO EQUIPMENT. INSTALL OUTLET AT SAME HEIGHT AS EXISTING REMOVED OUTLET. REUSE EXISTING CIRCUIT. REINSTALL EXISTING SHELF AND EXISTING AUDIO EQUIPMENT REINSTALL EXISTING SURFACE RACEWAY TO CONCEAL EXISTING SPEAKER WIRING. RECONNECT EXISTING SPEAKER WIRING.
- PROVIDE NEW FIRE ALARM STROBE. PROVIDE CONDUIT AND WIRE AS REQUIRED TO EXTEND WIRING TO NEW LOCATION.
- PROVIDE NEW DUPLEX RECEPTACLE FOR MINI FRIDGE. COORDINATE LOCATION WITH OWNER.
- PROVIDE NEW DUPLEX RECEPTACLE FOR COFFEE MACHINE. COORDINATE LOCATION WITH OWNER.



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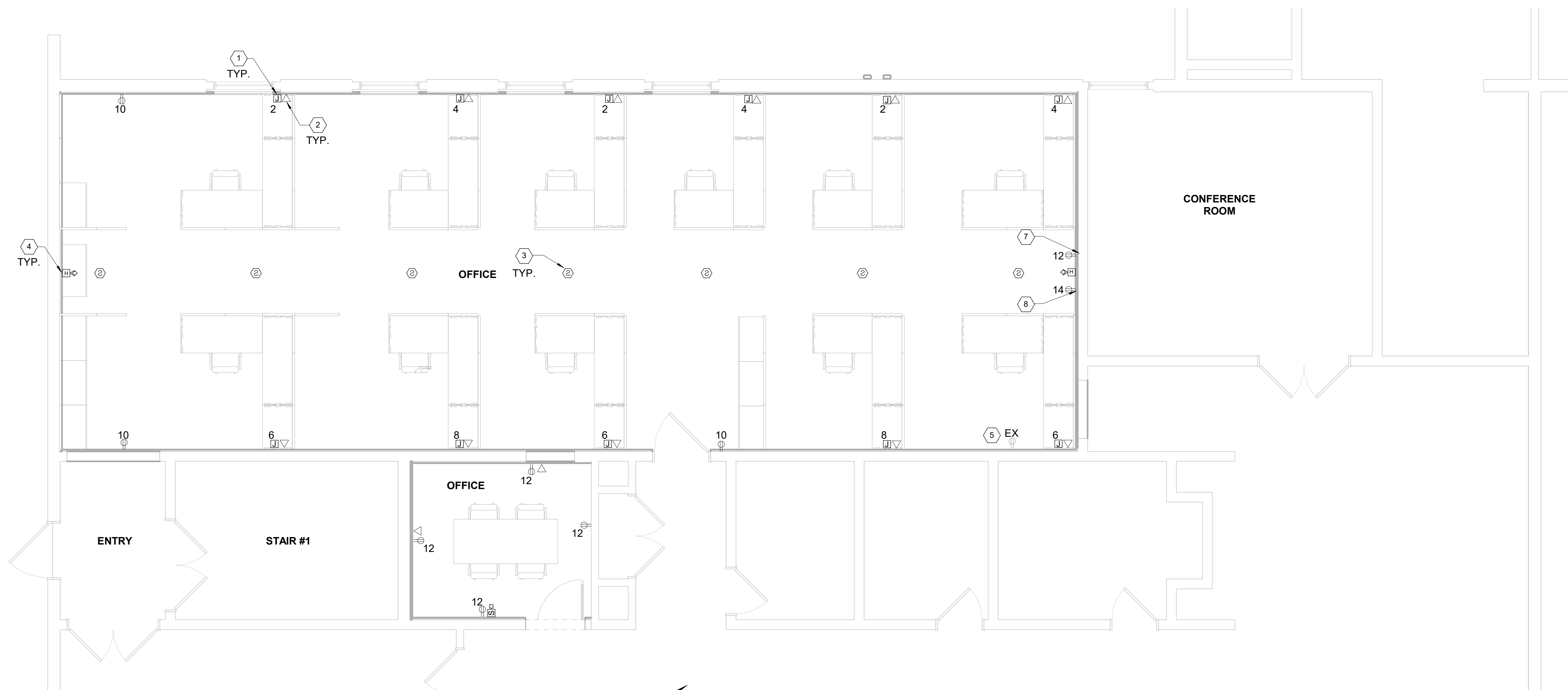
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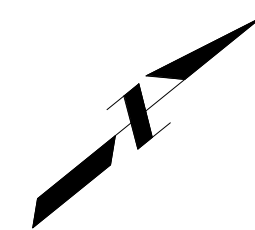
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**FIRST FLOOR POWER AND SYSTEMS NEW WORK**

DRAWN: PLZ	SHEET NO.
CHECKED: NTP	<b>E401</b>
DESIGNED: PLZ	
JOB NO: M1600010	



# FIRST FLOOR POWER AND SYSTEMS NEW WORK





## HVAC LEGEND

SYMBOL	DESCRIPTION
	SUPPLY DUCT UP OR TOWARD
	SUPPLY DUCT DOWN OR AWAY
	RETURN DUCT UP OR TOWARD
	RETURN DUCT DOWN OR AWAY
	EXHAUST DUCT UP OR TOWARD
	EXHAUST DUCT DOWN OR AWAY
	SUPPLY DIFFUSER (WITH HARD DUCT)
	SUPPLY DIFFUSER (WITH FLEXDUCT)
	RETURN GRILLE OR REGISTER (WITH HARD DUCT)
	RETURN GRILLE OR REGISTER (WITH FLEXDUCT)
	EXHAUST GRILLE OR REGISTER (WITH HARD DUCT)
	EXHAUST GRILLE OR REGISTER (WITH FLEXDUCT)
	RECTANGULAR DUCT (FIRST FIGURE IS SIDE SHOWN) ALL DUCT DIMENSIONS ARE INSIDE CLEAR DIMENSIONS
	ROUND DUCTWORK
	FLAT OVAL DUCTWORK
	FLEXIBLE DUCTWORK

SYMBOL	DESCRIPTION
	90° ELBOW WITH TURNING VANES
	BRANCH DUCT TAP
	ACCESS DOOR (HORIZONTAL/VERTICAL)
	MOTORIZED DAMPER
	FLEXIBLE DUCT CONNECTION TO EQUIPMENT
	TRANSITION FROM RECTANGULAR TO ROUND DUCT
	TO BE REMOVED
	THERMOSTAT W/EQUIPMENT NUMBER
	ROOF MOUNTED EXHAUST FAN W/ EQUIPMENT NUMBER
	DIRECTION OF AIRFLOW

## HEATING/VENTILATION ABBREVIATIONS

SA	SUPPLY AIR
RA	RETURN AIR
EA	EXHAUST AIR
OA	OUTDOOR AIR
CFM	CUBIC FEET PER MINUTE
IL	INTAKE LOUVER
RL	RELIEF LOUVER
MBTU	THOUSAND BRITISH THERMAL UNITS PER HOUR
FD	FIRE DAMPER
NC	NOISE CRITERIA

## GENERAL HEATING/VENTILATION NOTES

- DUCTWORK AND PIPING IS SHOWN IN SCHEMATIC FORM ONLY. OFFSETS AND CHANGES IN ELEVATION ARE NOT NECESSARILY SHOWN. ROUTE DUCTWORK AND PIPING IN AN ORDERLY MANNER AS REQUIRED FOR CLEARANCE WITH STRUCTURAL CONDITIONS. COORDINATE LOCATION OF DUCTWORK AND PIPING WITH OTHER TRADES PRIOR TO INSTALLATION. WHERE POSSIBLE RACK PIPING HORIZONTALLY AND VERTICALLY.
- COORDINATE LOCATIONS AND SIZES OF DUCT CONNECTIONS AND PIPING CONNECTIONS TO EQUIPMENT BEING PROVIDED BY OTHERS.
- PROVIDE AND INSTALL MANUAL BALANCING DAMPERS IN ALL BRANCH DUCTWORK AND AT EACH AIR INLET AND OUTLET.
- LOCATE ALL MANUAL BALANCING DAMPERS IN AN ACCESSIBLE LOCATION. WHERE DAMPERS ARE NOT ACCESSIBLE PROVIDE A MINIMUM 18X18 ACCESS DOOR.
- UNLESS OTHERWISE NOTED, CONCEAL ALL DUCTWORK AND PIPING ABOVE CEILINGS, IN WALLS, OR INSIDE CHASES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SUPPORTING SYSTEMS AND DEVICES FOR ALL DUCTWORK, EQUIPMENT, PIPING AND ACCESSORIES.
- PROVIDE AND INSTALL SLEEVES FOR ALL DUCTWORK AND PIPING PASSING THROUGH WALLS AND FLOORS.
- FOR DUCT CONNECTIONS TO TERMINAL DEVICES, FANS, AND OTHER EQUIPMENT SEE MECHANICAL DETAILS.
- COORDINATE LOCATIONS OF ALL DIFFUSERS, GRILLES, AND REGISTERS WITH ARCHITECTURAL PLANS.
- LOCATE AND INSTALL ALL MECHANICAL EQUIPMENT TO PROVIDE MANUFACTURER'S MINIMUM SERVICE CLEARANCES.

## HVAC GENERAL DEMOLITION NOTES

- VERIFY EXACT SIZE AND LOCATION OF EXISTING UTILITIES PRIOR TO START OF DEMOLITION.
- DISCONNECT ALL HEATING DUCTWORK AND PIPING CONNECTIONS TO EQUIPMENT BEING REMOVED. CONTRACTOR SHALL COORDINATE WORK WITH ALL TRADES.
- UNLESS OTHERWISE NOTED, REMOVAL DUCTWORK, PIPING AND/OR EQUIPMENT SHALL INCLUDE ALL INSULATION, DAMPERS, VALVES, HANGERS, SUPPORTS, EQUIPMENT PADS, FLASHING, CONTROLS, CONTROLS TUBING/WIRING AND ASSOCIATED ACCESSORIES.
- UNLESS OTHERWISE NOTED, REMOVAL OF PIPING SHALL BE BACK TO THE MAIN OR LAST ACTIVE SERVICE.
- ALL OPENINGS OR HOLES LEFT IN EXISTING WALLS, FLOORS, AND CEILINGS TO REMAIN, INCLUDING CHASES, SHALL BE PATCHED TO MATCH EXISTING CONDITIONS. PATCHING SHALL BE IN ACCORDANCE WITH THE APPROPRIATE DIVISION OF THE SPECIFICATIONS.
- THE CONTRACTOR SHALL DISCONNECT EXISTING BUILDING TEMPERATURE CONTROL SYSTEM FROM THE NETWORK AND PROVIDE ALL WORK ASSOCIATED WITH DEMOLITION.
- THE CONTRACTOR SHALL PROVIDE ALL REQUIRED WORK TO MAINTAIN THE CONTINUITY OF THE EXISTING NETWORK UNTIL NEW NETWORK HAS BEEN ESTABLISHED.

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**HEATING AND  
VENTILATION GENERAL  
NOTES, SYMBOLS AND  
ABBREVIATIONS**

DRAWN: AJM	SHEET NO.
CHECKED: NTP	<b>H001</b>
DESIGNED: AJM	
JOB NO: M1600010	



### GENERAL NOTES (THIS SHEET)

- SEE SHEET H-001 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO CONSTRUCTION. VARIOUS EXISTING UTILITIES TO REMAIN. CONTRACTOR SHALL COORDINATE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND AVOID CONFLICT.
- REMOVE EXISTING FIRE DAMPERS ASSOCIATED WITH DEMOLISHED DUCTWORK. REPAIR WALL TO MEET FIRE RATING OF EXISTING WALL.
- PATCH AND PAINT EXISTING OPENINGS IN WALLS CREATED FROM HVAC WORK TO MATCH EXISTING.
- REMOVE EXISTING SOFFITS IN BASEMENT TO ALLOW ACCESS TO DUCTWORK. REPLACE SOFFIT WITH SAME CONSTRUCTION TO MAINTAIN ROOM RATING.
- COORDINATE PAINTING OF EXISTING/NEW DUCTWORK WITH ARCHITECT.
- CONTRACTOR SHALL VERIFY OPERATION OF ALL EXISTING EQUIPMENT AND SUBMIT TESTING AND BALANCING REPORT FOR AIR AND WATER SYSTEMS TO ENGINEER FOR REVIEW PRIOR TO ANY CONSTRUCTION.

### # MECHANICAL DEMO NOTES (THIS SHEET)

- REMOVE EXISTING SA BRANCH DUCTS UP TO FIRST FLOOR. PATCH OPENING IN DUCTWORK AIR TIGHT. EXISTING DUCT HEADER TO REMAIN IN PLACE.
- REMOVE EXISTING SA DUCT ENDCAP TO MAKE CONNECTION TO NEW DUCTWORK.
- REMOVE EXISTING SA DUCTWORK TO APPROXIMATE LOCATION SHOWN FOR CONNECTION TO NEW SA DUCTWORK.
- REMOVE LOW PRESSURE SA DUCTWORK FROM VAV BOX TO FLOOR GRILLE. SEE H-200 FOR NEW WORK.
- REMOVE THREE (3) EXISTING SA GRILLES. PATCH OPENING IN DUCTWORK AIR TIGHT.

### # MECHANICAL KEYNOTES (THIS SHEET)

- EXISTING MEDIUM PRESSURE DUCTWORK CONTINUES AND IS NOT SHOWN. NO WORK BEYOND THIS POINT.
- EXISTING SA DUCTWORK UP TO FLOOR GRILLE TO REMAIN.
- EXISTING MEDIUM PRESSURE DUCTWORK TO REMAIN AND BE REUSED.
- EXISTING VAV BOX AND REHEAT COIL TO REMAIN AND BE REUSED. EXISTING HWS AND HWR PIPING INCLUDING CONTROL VALVES AND BALANCING VALVES TO REMAIN.
- EXISTING FIRE DAMPER TO REMAIN.
- EXISTING MEDIUM PRESSURE SA DUCTWORK TO REMAIN. EXISTING EQUIPMENT, RETURN DUCTWORK, AND DUCTWORK ASSOCIATED WITH AHU-2 NOT SHOWN.
- EXISTING AIR HANDLING UNIT TO REMAIN.
- EXISTING SA DUCT ALONG WALL TO REMAIN.
- EXISTING VAV BOX, LOW PRESSURE SA DUCTWORK, FLEX DUCT, AND CELING GRILLES SERVING BASEMENT TO REMAIN.



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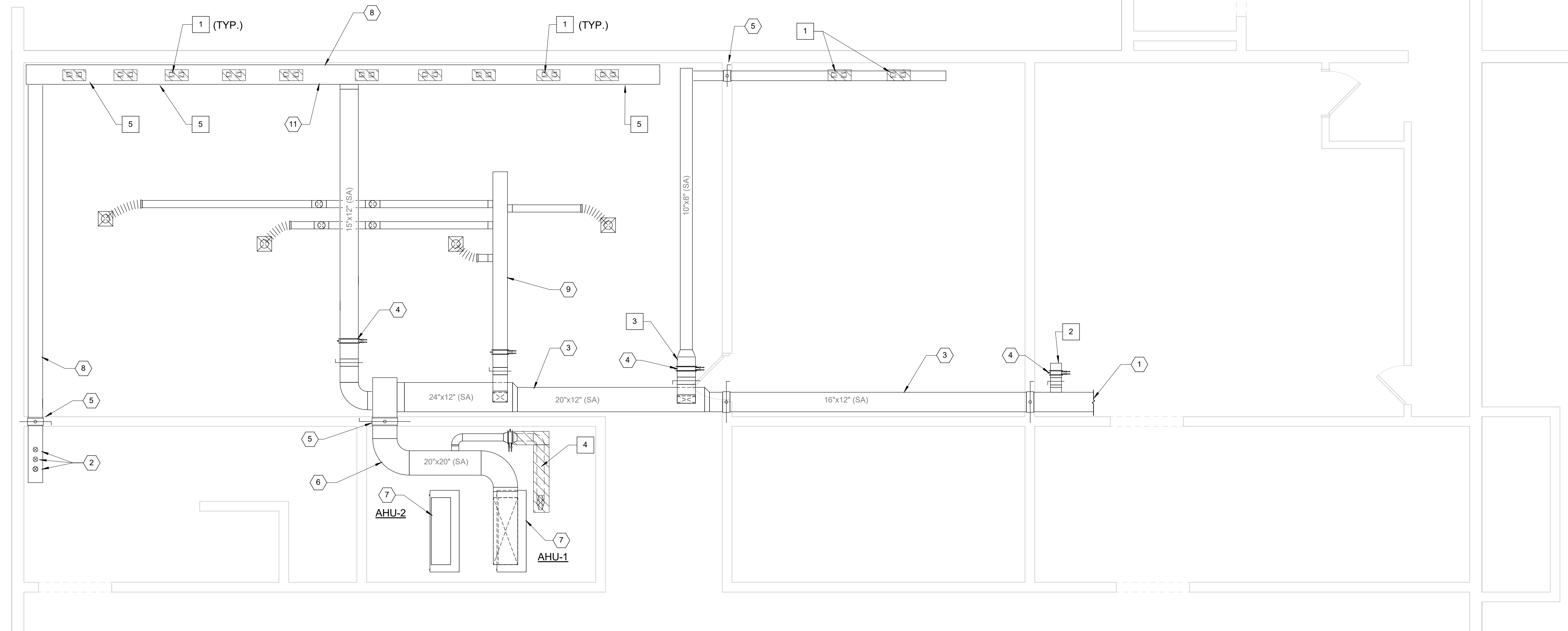
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**LOWER LEVEL HVAC  
DEMOLITION PLAN**

DRAWN: AJM	SHEET NO.
CHECKED: NTP	<b>H100</b>
DESIGNED: AJM	
JOB NO: M1600010	



**BASEMENT HVAC DEMOLITION PLAN**

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### GENERAL NOTES (THIS SHEET)

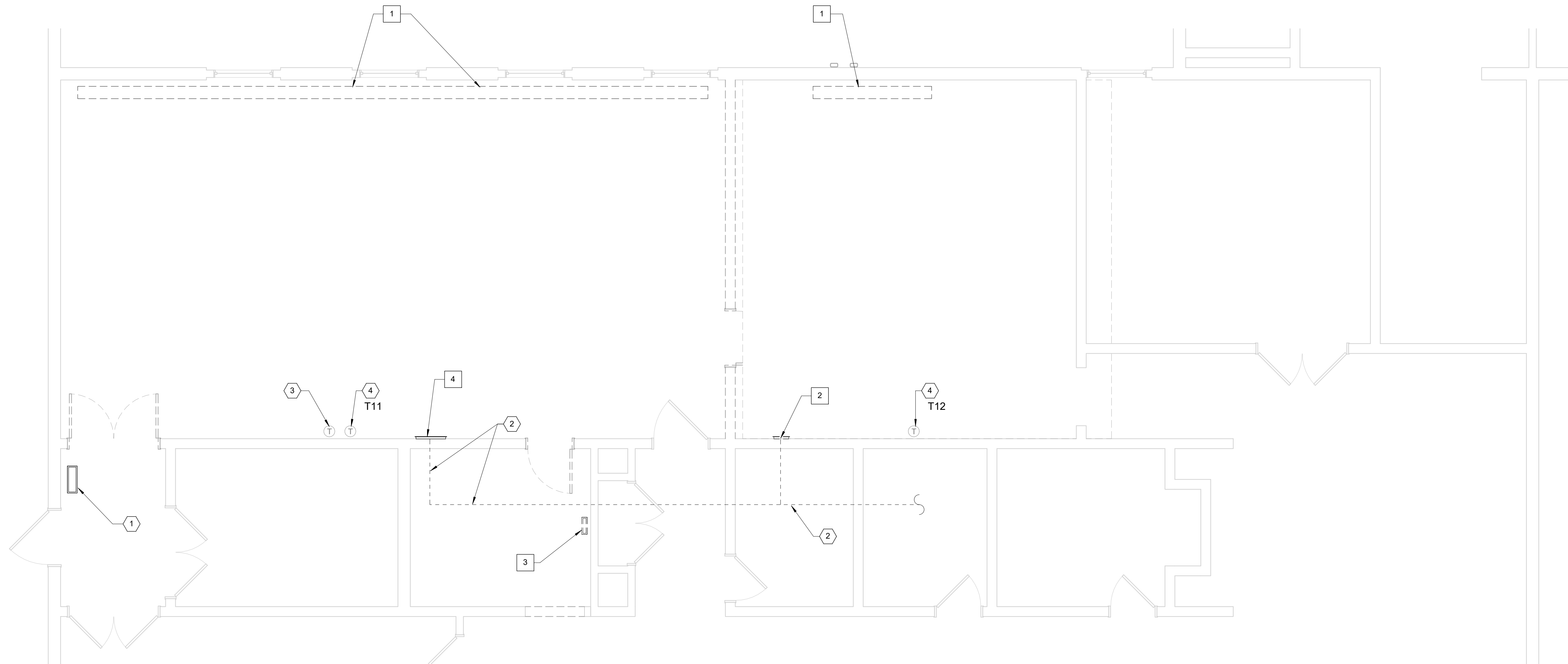
- SEE SHEET H-001 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO CONSTRUCTION. VARIOUS EXISTING UTILITIES TO REMAIN. CONTRACTOR SHALL COORDINATE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND AVOID CONFLICT.
- PATCH AND PAINT EXISTING OPENINGS IN WALLS CREATED FROM HVAC WORK TO MATCH EXISTING.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL CEILING TILES REQUIRED TO INSTALL THEIR WORK.
- PROVIDE NEW CEILING TILES WHERE EXISTING CEILING TILES ARE DAMAGED DURING WORK OR REPLACEMENT CEILING TILES ARE REQUIRED WHERE EXISTING GRILLES/DIFFUSERS ARE REMOVED.
- PROVIDE NEW CEILING GRID WHERE REQUIRED TO ALLOW INSTALLATION OF NEW DUCT/DIFFUSER/GRILLES.

### # MECHANICAL DEMO NOTES (THIS SHEET)

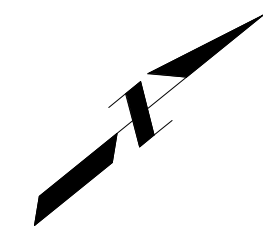
- REMOVE EXISTING LINEAR AIR TERMINAL ALONG WALL, INCLUDING ASSOCIATED VERTICAL DUCTWORK. SEE ARCHITECTURAL SHEETS FOR FLOOR FINISHING.
- REMOVE EXISTING WALL MOUNTED RETURN GRILLE. GRILLE WILL BE REPLACED WITH LARGER GRILLE. SEE NEW WORK PLAN.
- REMOVE EXISTING FLOOR REGISTER. REGISTER WILL BE REPLACED WITH A LARGER REGISTER. SEE NEW WORK PLAN. REFER TO LOWER LEVEL DEMOLITION PLAN FOR DUCTWORK REMOVAL.
- REMOVE EXISTING WALL MOUNTED RETURN GRILLE. EXISTING OPENING TO REMAIN AND BE REUSED.

### # MECHANICAL KEYNOTES (THIS SHEET)

- EXISTING FLOOR GRILLE TO REMAIN.
- EXISTING RA DUCTWORK ABOVE CEILING TO REMAIN.
- EXISTING MASTER THERMOSTAT TO REMAIN.
- EXISTING THERMOSTAT TO REMAIN. TAG INDICATES THERMOSTAT NUMBER.



1 FIRST FLOOR HVAC DEMOLITION PLAN



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KANE COUNTY DEPARTMENT  
OF TRANSPORTATION (KDOT)  
OFFICE RENOVATION

41W011 BURLINGTON ROAD  
CAMPTON HILLS, IL 60175

Professional Seals

NOT FOR  
CONSTRUCTION

No.	Description	Date
1	ISSUED FOR 10% DESIGN	05/08/2018
2	ISSUED FOR 30% DESIGN	07/23/2018
3	ISSUED FOR 100% DESIGN	09/12/2018

FIRST FLOOR HVAC  
DEMOLITION PLAN

DRAWN: AJM	SHEET NO.
CHECKED: NTP	<b>H101</b>
DESIGNED: AJM	
JOB NO: M1600010	







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### AIR INLET/OUTLET CONNECTION SCHEDULE

SYMBOL	FACE SIZE	TYPE	BASIS OF DESIGN	MAX NC LEVEL	REMARKS
(R1)	12"x12"	SURFACE MOUNTED RETURN GRILLE	TITUS 300	30	NOTE 1
(R2)	12"x12"	SURFACE MOUNTED RETURN GRILLE	TITUS 300	30	NOTE 1
(A1)	12"x4"	SUPPLY AIR - LINEAR FLOOR GRILLE	PRICE LFG	30	NOTE 1
(A2)	18"x4"	SUPPLY AIR - LINEAR FLOOR GRILLE	PRICE LFG	30	NOTE 1
(E)	VARIES	EXISTING CONNECTION	VARIES	-	NOTE 2

**SCHEDULE NOTES:**

- 1 PROVIDE TRANSITION TO DUCTWORK AS REQUIRED. VERIFY MAX NC LEVEL IS MET.
- 2 EXISTING GRILLE/DIFFUSER TO BE REUSED. REBALANCE TO THE CFM SHOWN ON PLAN.

### GENERAL NOTES (THIS SHEET)

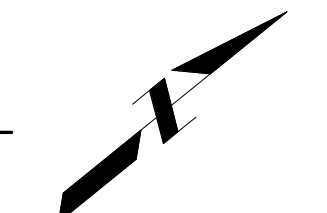
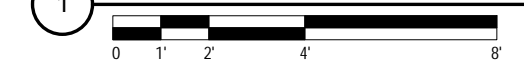
1. SEE SHEET H-001 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO CONSTRUCTION. VARIOUS EXISTING UTILITIES TO REMAIN. CONTRACTOR SHALL COORDINATE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND AVOID CONFLICT.
2. PATCH AND PAINT EXISTING OPENINGS IN WALLS CREATED FROM HVAC WORK TO MATCH EXISTING.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL CEILING TILES REQUIRED TO INSTALL THEIR WORK.
4. PROVIDE NEW CEILING TILES WHERE EXISTING CEILING TILES ARE DAMAGED DURING WORK OR REPLACEMENT CEILING TILES ARE REQUIRED WHERE EXISTING GRILLES/DIFFUSERS ARE REMOVED.
5. PROVIDE NEW CEILING GRID WHERE REQUIRED TO ALLOW INSTALLATION OF NEW DUCT/DIFFUSER/GRILLES.
6. CONTRACTOR SHALL VERIFY OPERATION OF ALL EXISTING EQUIPMENT AND SUBMIT TESTING AND BALANCING REPORT FOR AIR AND WATER SYSTEMS TO ENGINEER FOR REVIEW PRIOR TO ANY CONSTRUCTION.
7. RE-BALANCE EXISTING VAV BOXES, REHEAT COILS, GRILLES, DIFFUSERS, OPENINGS, FANS, AND AIR HANDLING UNITS TO AIR FLOW INDICATED ON DRAWINGS OR TO ACCOMMODATE FOR REVISED AIR AND WATER FLOWRATES.

### # MECHANICAL KEYNOTES (THIS SHEET)

1. NEW FLOOR SUPPLY GRILLE.
2. EXISTING FLOOR SUPPLY GRILLE TO REMAIN.
3. NEW RETURN GRILLE OF SAME SIZE.
4. NEW RETURN GRILLE IN CEILING. CONNECT TO EXISTING RA DUCTWORK ABOVE CEILING.
5. EXISTING MASTER THERMOSTAT CONTROLLING THE CONDENSING UNIT TO REMAIN.
6. EXISTING THERMOSTAT TO REMAIN. TAG INDICATES EXISTING THERMOSTAT NUMBER. THERMOSTATS T11 AND T12 SHALL BE RECONFIGURED SUCH THAT NEW FIRST FLOOR OFFICE SPACE IS CONTROLLED AS A SINGLE ZONE.



### 1 FIRST FLOOR HVAC NEW WORK PLAN



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**FIRST FLOOR HVAC PLAN**

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CHECKED: NTP	<b>H201</b>
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